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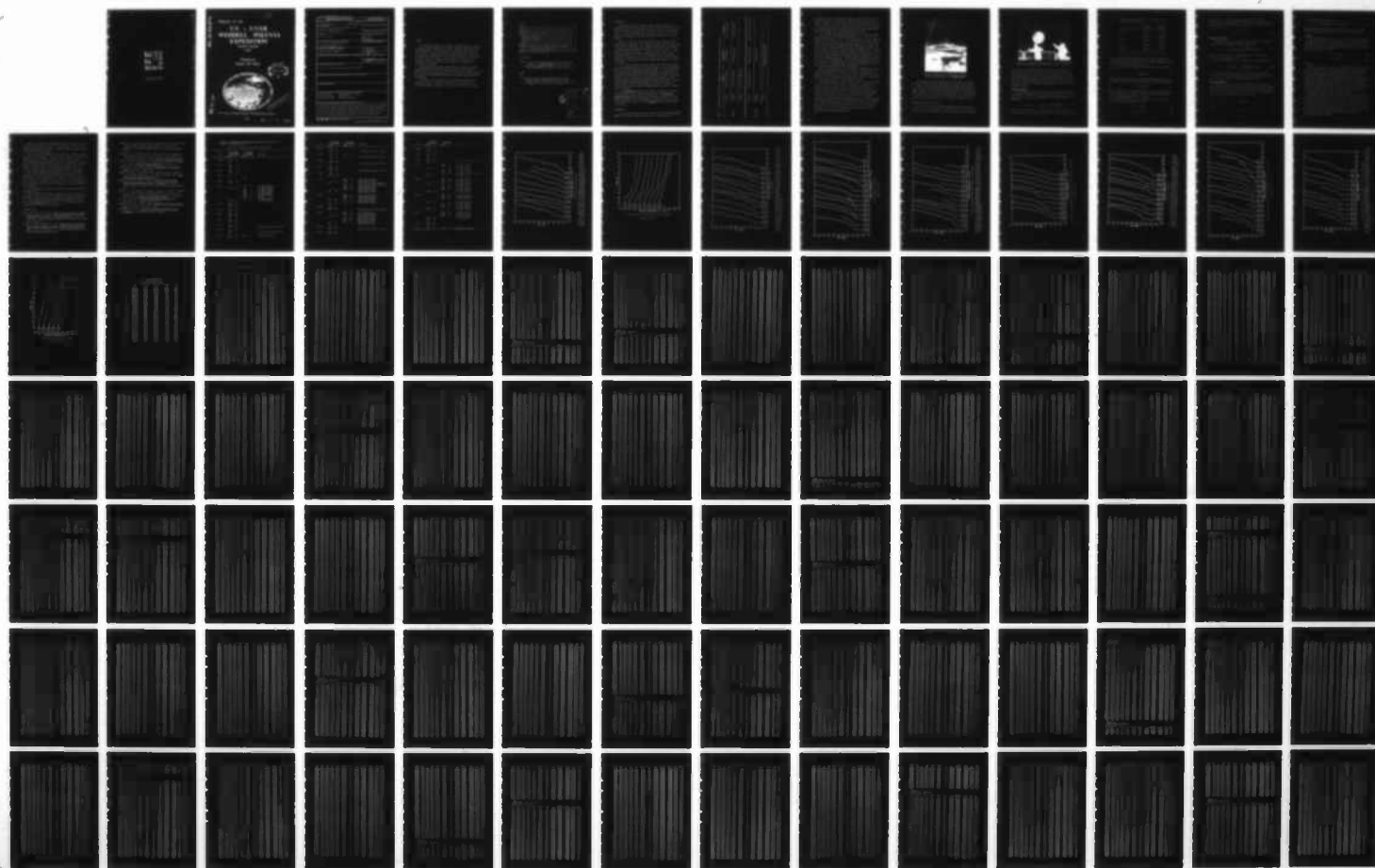
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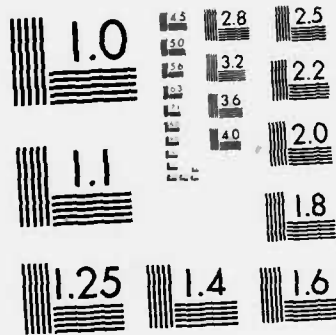
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U.S. ~ U.S.S.R. WEDDELL POLYNYA EXPEDITION

October - November
1981

Volume 6
Upper-Air Data

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20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report summarizes the most extensive set of upper-air data ever collected over Antarctic sea ice in winter, the data that we obtained using radiosondes during the U.S.-U.S.S.R. Weddell Polynia Expedition. The report includes a description of the two radiosonde systems that we used, a chronological listing of all 110 soundings that we made during the expedition, a discussion of measured and derived quantities, listings of all of the sounding data, and plots to 5 km of the potential temperature profile from each sounding.		

PREFACE

This report was prepared by Dr. Edgar L. Andreas, Physicist, Snow and Ice Branch, Research Division, U.S. Army Cold Regions Research and Engineering Laboratory. The author thanks the following: S.F. Ackley and E.P. Lysakov, for help with making the Airsonde soundings; S. Bobrov and V. Posazhennikov, who made all of the MicroCORA soundings; S.J. Smith who did a great deal of the computer work necessary to obtain the data contained in Tables B2 and C2; and S.F. Ackley and M.A. Bilello, for reviewing the manuscript.

The National Science Foundation supported this research with grants DPP 80-06922 and DPP 81-20024. The National Oceanic and Atmospheric Administration, Office of Special Research and Programs, provided funds for the lease of the MicroCORA through the National Science Foundation, grant DPP 82-03489.

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INTRODUCTION

During the U.S.-U.S.S.R. Weddell Polynya Expedition (Gordon and Sarukhanyan 1982) we collected upper-air data using two radiosonde systems. This report tabulates the data from 110 radiosonde ascents over a 32-day period in October and November 1981 during the cruise. This is the most extensive set of upper-air data ever collected over Antarctic sea ice in winter.

Volume 1 of this set of data reports (Huber and Gordon, in prep.) describes daily events during the expedition and thus contains a map of the cruise track, a chronology of all expedition observations, a discussion of hydrographic station designations (e.g., Super Stations, Table A1), and general remarks on navigation. I, therefore, confine myself here to presenting the upper-air data with enough documentation so that anyone interested can associate it with ice conditions (Ackley and Smith 1983) or surface-level meteorological conditions (Andreas and Makshtas, in press), for example.

In fact, the association of these upper-air data with these two data sets is the primary reason for our collecting them. As more comprehensive data sets from other regions have become available, it is becoming clear that surface-level meteorological processes depend on characteristics of the planetary boundary layer as a whole (Kaimal et al. 1976). Thus, these upper-air data are necessary for interpreting the surface-level data collected during the expedition (Andreas and Makshtas, in press). There is also an obvious interplay between sea-ice conditions and upper-air structure that has already been investigated using this data set (Andreas et al., in review).

In the Radiosondes section of this report, I describe the two radiosonde systems that we used during the expedition. The Measured and Computed Variables section summarizes the equations used to convert the measured variables into the meteorological parameters listed in the data tables (Appendices B and C). And the Soundings section introduces these data tables.

RADIOSONDES

The two radiosondes that we had on board the Soviet icebreaker Mikhail Somov for the Weddell Polynya Expedition were a MicroCORA Automatic

Table 1. Sensors on the two sondes and hardware and software added to improve data quality.

		Pressure	Temperature	Humidity
Airsonde	Sensor	aneroid capacitance	bead thermistor	wet bead thermistor
	Hardware	thermistor attached	radiation shield	radiation shield
	Software	temperature compensation	---	---
MicroCORA	Sensor	aneroid capacitance	bimetal capacitor	polymer thin film capacitor
	Hardware	---	radiation shield	---
	Software	-----	checking, editing, smoothing radiation correction	-----

Sounding System that we leased from Vaisala of Helsinki, Finland, and an Airsonde System made by Atmospheric Instrumentation Research (A.I.R.) of Boulder, Colorado. An earlier report (Andreas and Richter 1982) described the MicroCORA in detail and discussed two comparison soundings during which we launched both MicroCORA and Airsonde sondes on the same helium-filled balloon (soundings M24 and A9, and soundings M65 and A46).

The two systems made comparable measurements of pressure and temperature; the accuracy of the pressure measurements were ± 1 mb, and of the temperature measurement, $\pm 0.2^\circ\text{C}$. The Airsonde humidity profiles suggest, however, that the wet-bulb sensor on these radiosondes was often drying out and so recording dew-point temperatures that appear to be too high. The humidity sensor on the MicroCORA radiosondes, the Humicap, had even more severe problems, as discussed earlier (Andreas and Richter 1982). Because of operator errors during the prelaunch calibration of the sondes or simply because of problems inherent in the sensor itself, the Humicap was prone to drift and failure during ascent. In summary then, the pressure, temperature and, thus, the geopotential height data measured by both systems are of high quality. The humidity data, especially the MicroCORA data during the latter two-thirds of the cruise, are dubious.

Table 1 lists the sensors on the Airsonde and MicroCORA sondes and the hardware added to improve the quality of the data. The MicroCORA is a computer-controlled system, so there was extensive checking, editing and smoothing of the raw data before they were stored. Table 1 also shows the role such software played in assuring high quality data.

The MicroCORA stored its data on cassette tapes. After the cruise we sent these tapes to Vaisala, and they transferred the cassette data to magnetic tapes that we could read on our computer here at CRREL. As a result of cassette recorder malfunctions during the initial recording of the data, Vaisala could not read all of the cassettes. Hence, the tape that they sent us did not contain data from all 65 of the MicroCORA soundings. We added these missing soundings (11) to our computer files by hand from the hardcopy printed during the actual ascent of the radiosonde. These hand-entered soundings are conspicuous in the data tables because they contain only about one-quarter of the levels of the tape-derived soundings; that is, for these missing files we entered only the data between the surface and the 200-mb level.

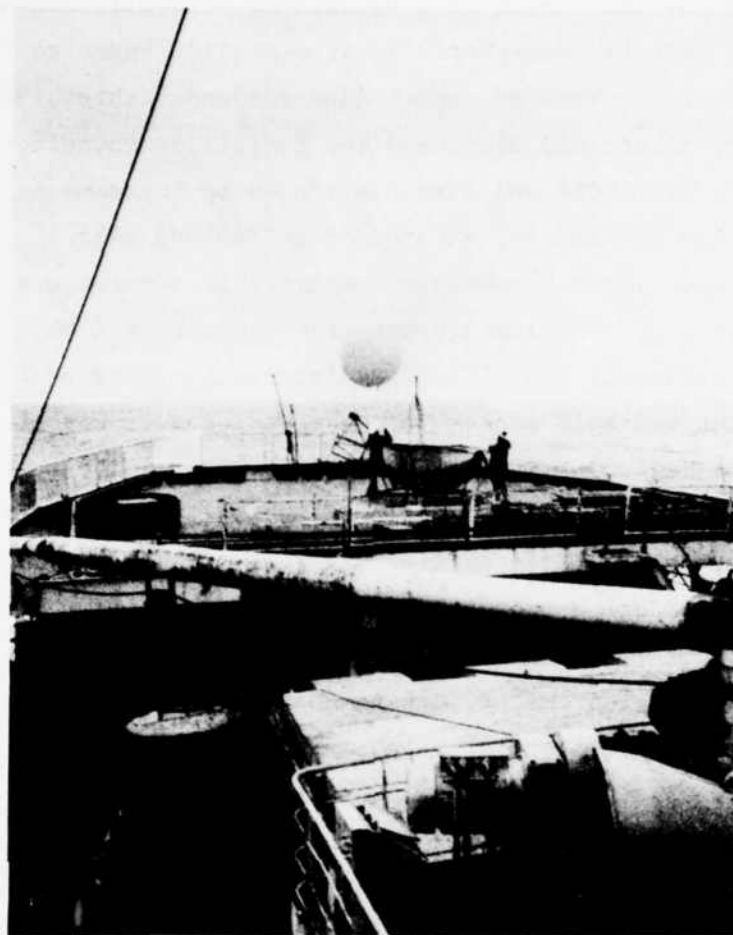


Figure 1. The launch of a MicroCORA radiosonde from the helicopter deck of the Mikhail Somov.

The Airsonde printed its sounding data on paper tape. We checked these data manually and then entered them into computer files by hand.

All of the radiosondes were launched from the helicopter deck of the Somov. Because the MicroCORA sondes were carried aloft by 350-g helium-filled balloons, a balloon launcher was essential for safe launches (Fig. 1). We used only 100-g balloons for the Airsondes and so could fill and release these easily without the aid of the balloon launcher (Fig. 2).

MEASURED AND COMPUTED VARIABLES

The variables that the MicroCORA actually measured were pressure, P , temperature, T , relative humidity, f , wind speed, U , and wind direction, ϕ . The Airsonde also measured pressure and temperature; but its humidity



Figure 2. Launching an Airsonde over the rail on the downwind side of the helicopter deck. (Photo courtesy of Jan Szilag.)

variable was the wet-bulb temperature, T_w , which it converted to dew-point temperature, T_d , using the psychrometer equation (List 1963, p. 365) before printing any of its data. In other words, T_d is, in effect, the Airsonde humidity variable. In the data tables (Tables B2 and C2) I list not only the measured quantities but also useful variables derived from them. This section summarizes the mathematical relations between the tabulated variables.

Humidity variables

The fundamental humidity variable is the vapor pressure, e , since all other humidity variables and some temperature variables depend on it. The saturation vapor pressure at temperature T and pressure P , $e_{\text{sat}}(T,P)$, is (Buck 1981)

$$e_{\text{sat}}(T,P) = e_0 (p_h + p_a P) \exp\left[\frac{aT}{b + T}\right] \quad (1)$$

which gives e_{sat} in mb for T in $^{\circ}\text{C}$ and P in mb. Table 2 lists the constants in eq 1. The two sets of constants refer to saturation with respect

Table 2. Constants used in eq 1 for computation of saturation vapor pressure.

	Over water ($T \geq 0^\circ\text{C}$)	Over ice ($T < 0^\circ\text{C}$)
e_0 (mb)	6.1121	6.1115
p_a	3.46×10^{-6}	4.18×10^{-6}
p_b (mb^{-1})	1.0007	1.0003
a	17.502	22.452
b ($^\circ\text{C}$)	240.97	272.55

to ice and saturation with respect to water. For the computations, I assumed saturation over water if T was 0°C or higher; otherwise, I used the constants for saturation with respect to ice.

Using the dew-point temperature in eq 1 gives the vapor pressure: that is,

$$e = e_{\text{sat}}(T_d, P) \quad (2)$$

The Airsonde provided T_d directly, but the MicroCORA measured the relative humidity. The relative humidity is related to the vapor pressure by

$$f = e/e_{\text{sat}}(T, P) \quad (3)$$

where in this case T is the measured temperature. By substituting eq 2 in eq 3, I could solve for T_d and so compute MicroCORA dew-point temperatures from the measured values of f , T and P .

The densities of water vapor, ρ_w , and dry air, ρ_a , come from the ideal gas law (Schwerdtfeger 1976, p. 47):

$$\rho_w = M_w e / R T \quad (4)$$

$$\rho_a = M_a P / R T \quad (5)$$

In these M_w and M_a are the molecular weights of water and dry air, 18.0160×10^{-3} kg mole $^{-1}$ and 28.9644×10^{-3} kg mole $^{-1}$, respectively; and R is the universal gas constant, 8.31441 J mole $^{-1}$ °C $^{-1}$. The density of moist air, ρ , is simply

$$\rho = \rho_a + \rho_w. \quad (6)$$

Temperature variables

I computed the potential temperature, θ , with respect to a reference pressure of 1000 mb (Fleagle and Businger 1980, p. 51):

$$\theta = (T + 273.15 \text{ K})(1000 \text{ mb}/P)^{R/c_p M_a} - 273.15 \text{ K} \quad (7)$$

where θ is in °C for T in °C. The specific heat of air at constant pressure, c_p , is 1.005×10^3 J kg $^{-1}$ °C $^{-1}$.

The virtual temperature, T_v , is (Pruppacher and Klett 1978, p. 77)

$$T_v = (T + 273.15 \text{ K}) \left(1 - \frac{M_a - M_w}{M_a} \frac{e}{P} \right)^{-1} - 273.15 \text{ K} \quad (8)$$

which gives T_v in °C for T in °C. The factor $(M_a - M_w)/M_a = 0.37800$.

The virtual potential temperature, θ_v , which is actually what I list in the tables, was obtained by substituting θ for T in eq 8.

Geopotential height

The heights listed in the data tables (Tables B2 and C2) are geopotential heights--heights obtained by integrating the hydrostatic equation with the ideal gas law used to eliminate density. Since the radiosondes recorded data only at discrete levels, the integration is actually a summation. The height of measurement level k , H_k , is thus

$$H_k = \sum_{i=1}^k \Delta H_i \quad (9)$$

where

$$\Delta H_i = H_i - H_{i-1}. \quad (10)$$

I found these height increments from

$$\Delta H_i = -(R/2gM_a)(T_{v_i} + T_{v_{i-1}}) \ln(P_i/P_{i-1}) \quad , \quad (11)$$

where the subscript i denotes a level at which T_v and P were measured, and g is the acceleration of gravity, 9.819 m s^{-2} at this latitude.

Velocity

The MicroCORA measured the wind vector. I list this wind information in Table B2 as a direction, ϕ , and a speed, U . The convention that the MicroCORA used is that ϕ is the direction from which the wind was blowing, with 360° oriented north. The components of the wind vector to the east (V_E) and north (V_N) are therefore

$$V_E = -U \sin\phi \quad (12)$$

$$V_N = -U \cos\phi \quad . \quad (13)$$

SOUNDINGS

Table A1 of Appendix A contains a chronological listing of all of the upper-air soundings that we made during the expedition. MicroCORA soundings were routinely done at roughly 0000 G.M.T. and 1200 G.M.T. We used the Airsonde System for more closely spaced soundings such as when we traversed the marginal ice zone and during Super Stations, extended periods during which all members of the expedition were doing intense sampling. We also used it to obtain upper-air data coincident with our atmospheric surface-layer profiling (Andreas and Makshtas, in press) when there was not a close MicroCORA sounding. Table A1 contains comments showing the correlation of some of these events with the soundings.

MicroCORA sounding 10 (M10; and also Airsonde sounding 2 [A2]) and Airsonde sounding 45 (A45) divide the soundings into three groups. Soundings M10 and A2 were virtually at the ice edge as we entered the Antarctic ice pack on 20 October 1981. All soundings before these two were made over the open ocean. Similarly, A45 was at the ice edge as we left the ice on 14 November; all subsequent soundings were over the open ocean. The soundings between M10/A2 and A45 were consequently made over Antarctic sea ice. The report by Ackley and Smith (1983) describes the ice conditions associated with these soundings.

Appendix B contains the MicroCORA sounding data. Table B1 lists the position, time and number of levels in each sounding. Table B2 lists the data collected during each sounding. Appendix C contains similar information for the Airsonde soundings.

Some of the Airsonde dew-point data were missing. A 99.9 in Table C2 indicates these missing data. To obtain humidity variables when there was no T_d value, I did a linear interpolation of the relative humidity between bracketing levels where there were data. I then used these interpolated f values to obtain the other humidity variables. When the final levels of a sounding had no T_d data--and so an interpolation was not possible--I simply assigned the last measured f value to these levels.

Some of the MicroCORA relative humidity data were also missing. I assigned f values to these levels using the same procedure as for the Airsonde data, linear interpolation or a constant f if the missing data were at the end of a sounding. I then went on to compute T_d as usual for the MicroCORA data; hence, there is no indicator of the missing humidity data in Table B2.

Missing MicroCORA wind data--both speed and direction--are similarly indicated with 99.9.

Figure A1 contains plots from the surface to 5 km of the potential temperature profiles for all of the soundings in the order shown in Table A1. I have grouped these profiles according to the sequence of events shown in the Comments column of Table A1. In other words, there are ice edge groupings and Super Station groupings.

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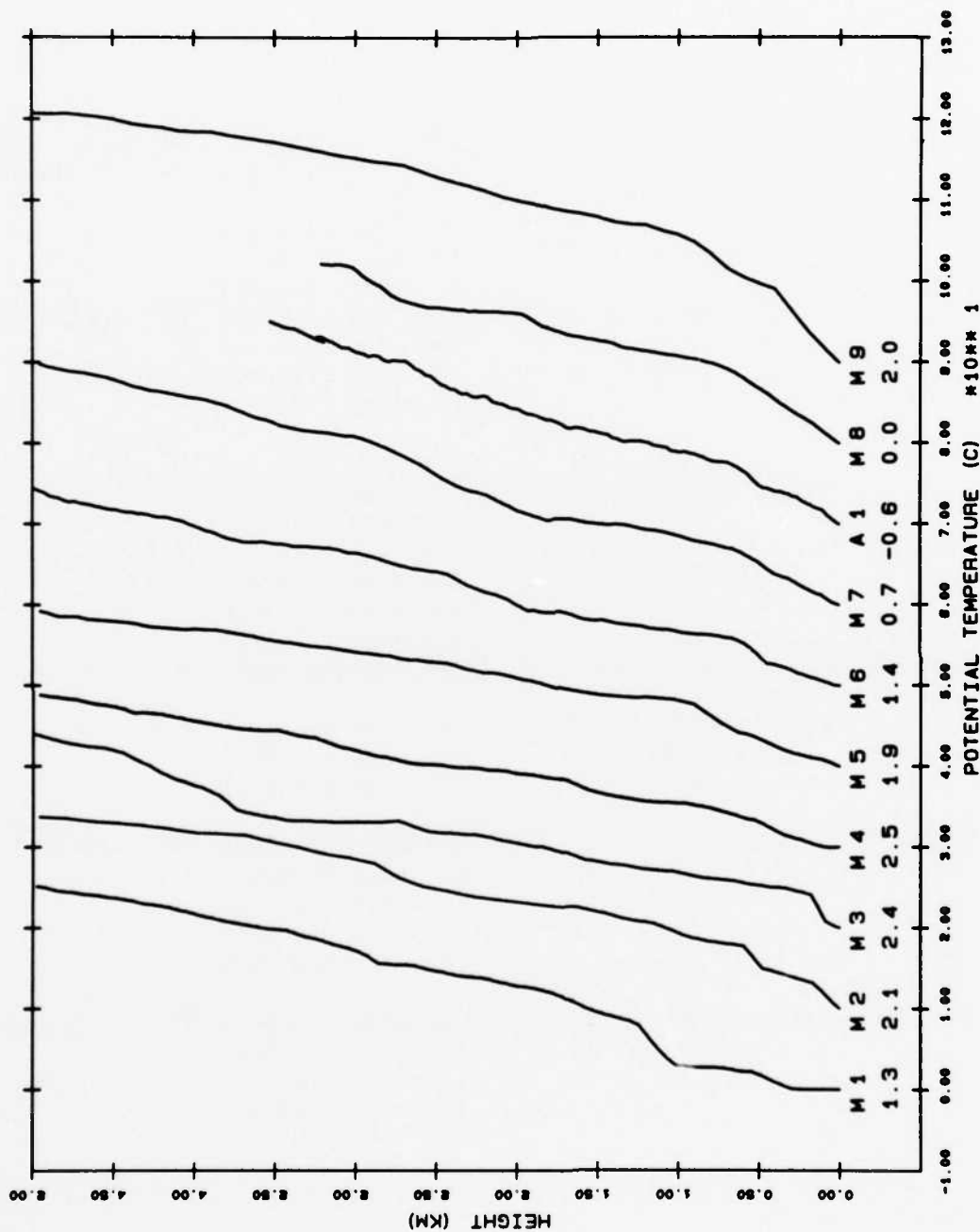
APPENDIX A: CHRONOLOGY OF THE SOMOV UPPER-AIR SOUNDINGS AND PLOTS OF
POTENTIAL TEMPERATURE PROFILES

Table A1. Chronology of the upper-air soundings.

Date	MicroCORA		Airsonde		Comments
	Time (G.M.T.)	Number	Time (G.M.T.)	Number	
15 Oct 81	1157	1			
	2359	2			
16 Oct	1134	3			
	2343	4			
17 Oct	1141	5			
	2341	6			
18 Oct	1142	7			
			1418	1	
19 Oct	0135	8			
	1241	9			
20 Oct			1139	2	Ice edge transect
					Ice edge transect
			1304	3	Ice edge transect
			1444	4	Ice edge transect
			1644	5	Ice edge transect
			1756	6	Ice edge transect
			1935	7	Failed
			2110	8	Ice edge transect
	2342	11			Ice edge transect
21 Oct	1143	12			
	2356	13			
22 Oct	1149	14			
	2340	15			
23 Oct	1138	16			
	2339	17			
24 Oct	1151	18			
	2338	19			
25 Oct	1150	20			
	2348	21			Surface-layer profiles 1 and 2
26 Oct	1135	22			
	2339	23			Surface-layer profiles 3 and 4
27 Oct	1150	24	1150	9	Radiosonde comparison
	2337	25			

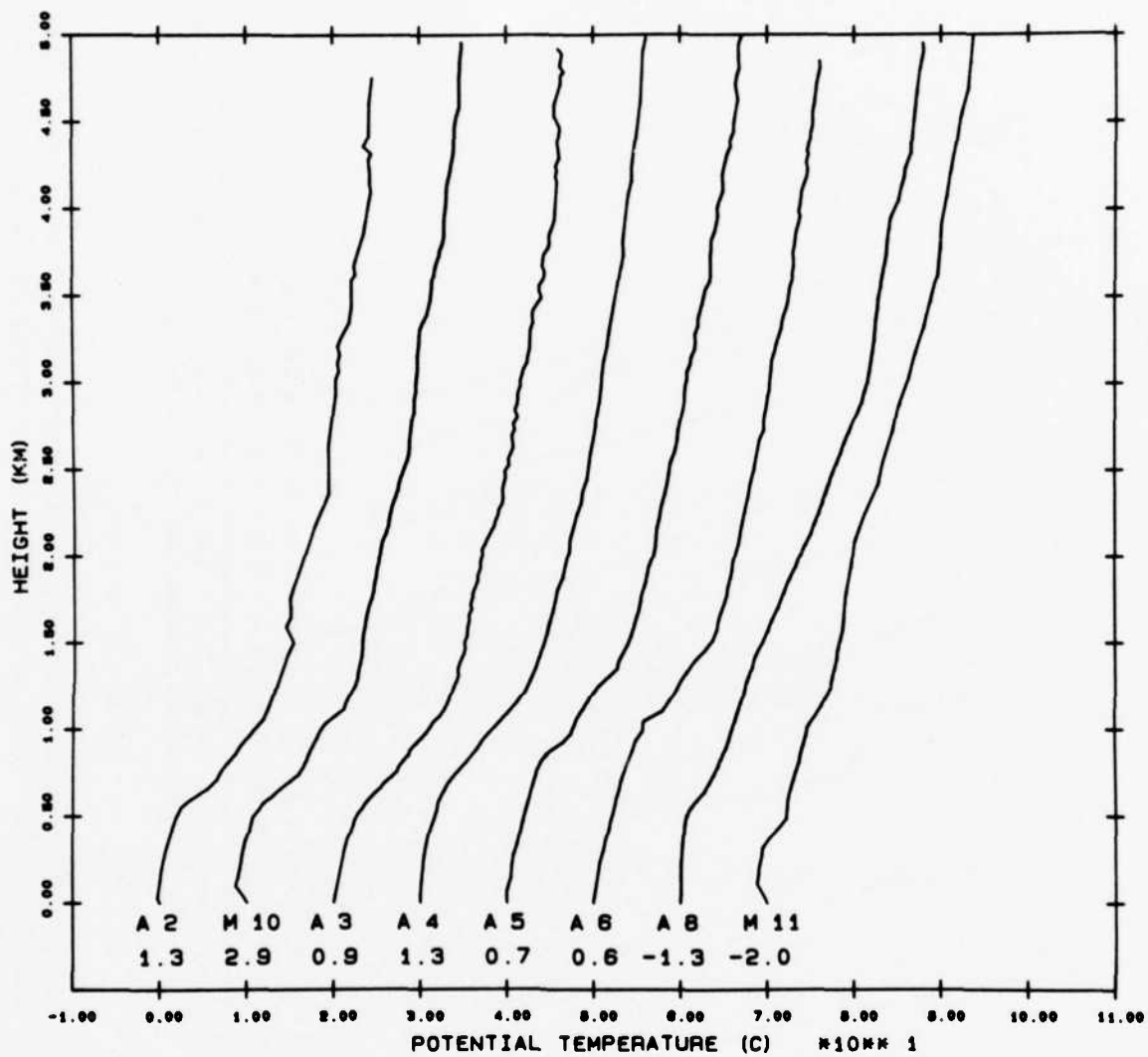
Date	MicroCORA		Airsonde		Comments
	Time (G.M.T.)	Number	Time (G.M.T.)	Number	
28 Oct	1211	26			
	2335	27			Surface-layer profiles 5 and 6
29 Oct	1134	28			
	2339	29	2243	10	Surface-layer profiles 7 and 8
30 Oct	1132	30			
	2335	31			Surface-layer profiles 9 and 10
31 Oct	1151	32			
	1654	33			
	2335	34			Surface-layer profiles 11 and 12
1 Nov	1134	35			
	2338	36			
2 Nov			0600	11	Super Station series
			0853	12	Super Station series
	1136	37			Super Station series, profile 13
			1630	13	Super Station series, profile 14
			1805	14	Super Station series
			2054	15	Super Station series
			2118	16	Super Station series
	2350	38			Super Station series
3 Nov			0316	17	Super Station series
			0604	18	Super Station series
			0857	19	Super Station series
	1133	39			Super Station series
			1454	20	Super Station series
	2347	40			
4 Nov	1137	41			
	2334	42			Surface-layer profiles 15 and 16
5 Nov			0600	21	Super Station series
			0858	22	Super Station series
	1218	43			Super Station series
			1455	23	Super Station series
			1755	24	Super Station series
			2057	25	Super Station series
	2341	44			Super Station series
6 Nov	1135	45			
	2338	46			Surface-layer profiles 17 and 18
7 Nov	1137	47			
	2335	48			

Date	MicroCORA		Airsonde		Comments
	Time (G.M.T.)	Number	Time (G.M.T.)	Number	
8 Nov	1146	49			
	2347	50			
9 Nov	1132	51			
	2341	52			
10 Nov	1136	53			
	2344	54			Surface-layer profiles 19 and 20
11 Nov			0639	26	Ice edge transect
			0849	27	Ice edge transect
	1135	55			Ice edge transect
			1454	28	Ice edge transect
			1755	29	Ice edge transect
			2056	30	Ice edge transect, profile 21
	2339	56			Ice edge transect
12 Nov			0317	31	Ice edge transect
			0618	32	Ice edge transect
			0911	33	Ice edge transect
	1140	57			Ice edge transect
			1446	34	Ice edge transect
			1752	35	Ice edge transect
			2054	36	Ice edge transect
	2338	58			Ice edge transect
13 Nov			0333	37	Ice edge transect
			0604	38	Ice edge transect
			0857	39	Ice edge transect
	1134	59			Ice edge transect
			1517	40	Ice edge transect
			1807	41	Ice edge transect
			2057	42	Ice edge transect
	2338	60			Ice edge transect
14 Nov			0342	43	Ice edge transect
			0559	44	Ice edge transect
			0847	45	Ice edge transect
	1159	61			Ice edge transect
	2338	62			
15 Nov	1132	63			
	2337	64			
16 Nov	1136	65	1136	46	Radiosonde comparison



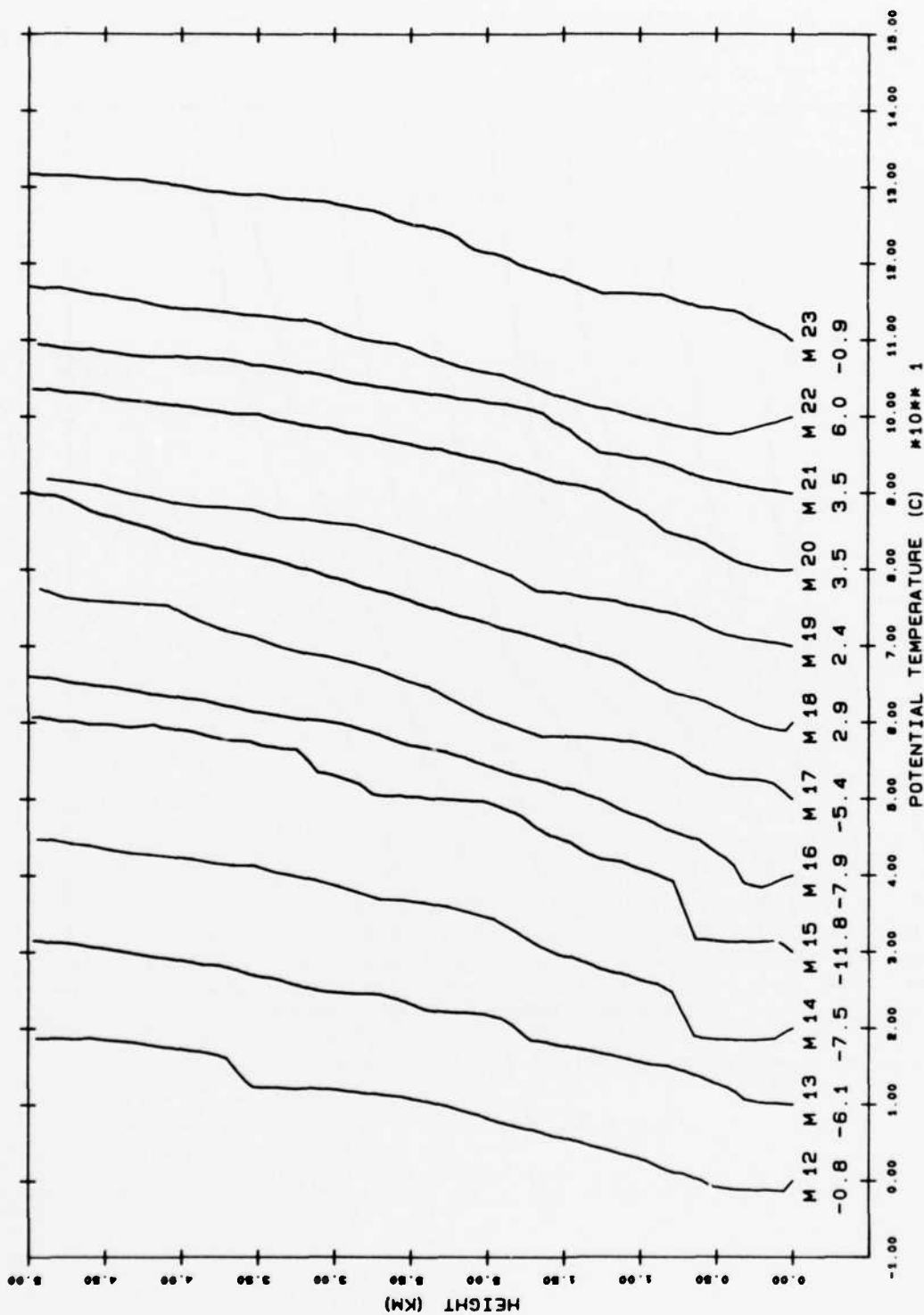
a. 15 October to 19 October 1981.

Figure A1. Potential temperature soundings. The upper number under each profile gives the sounding number: M indicates a MicroCORA sounding; A, an Airsonde sounding. The lower of the two numbers is the potential temperature at the lowest level (the surface). The temperature scale is 10°C per horizontal tick mark.



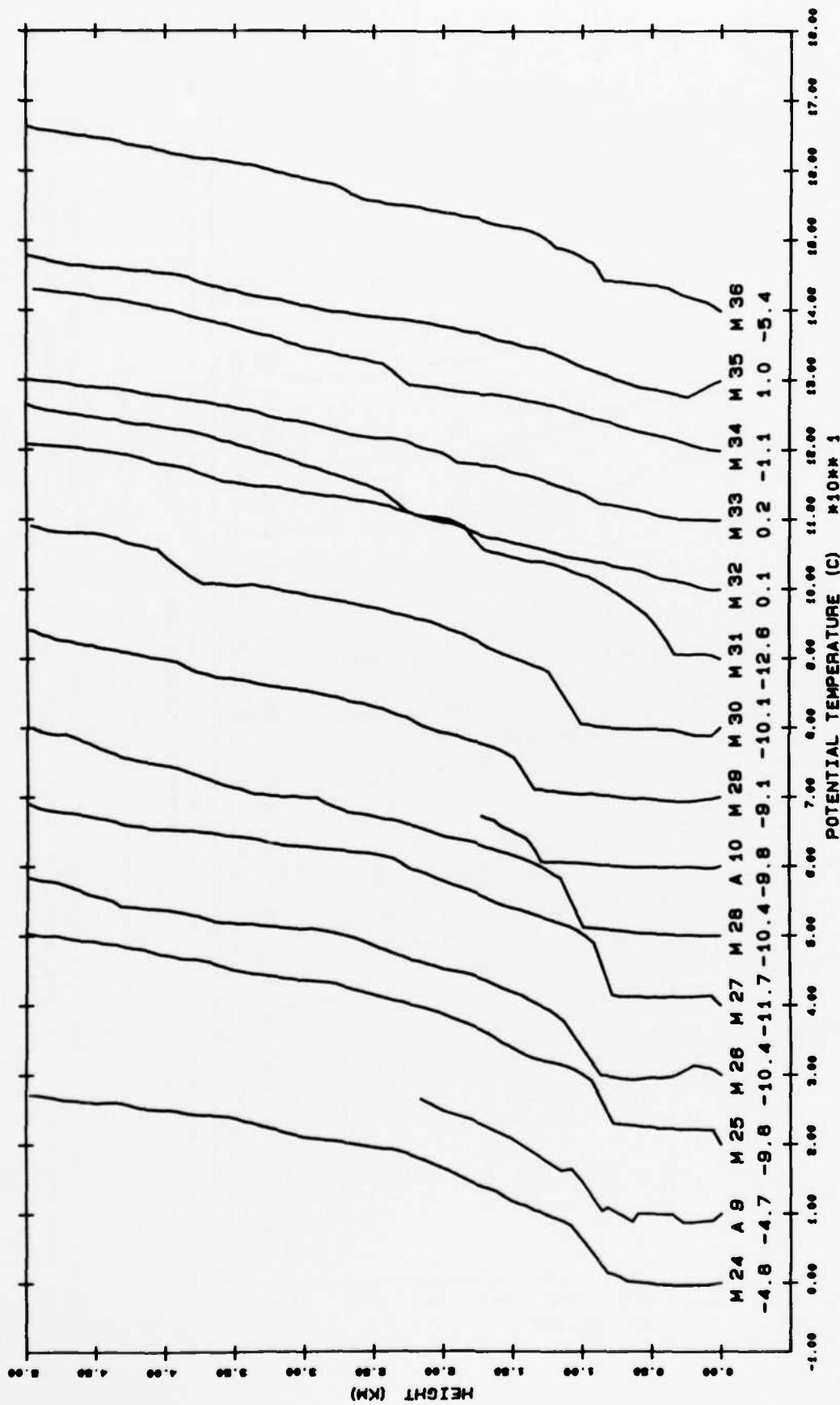
b. Transect of the marginal ice zone on 20 October.

Figure A1 (cont'd).



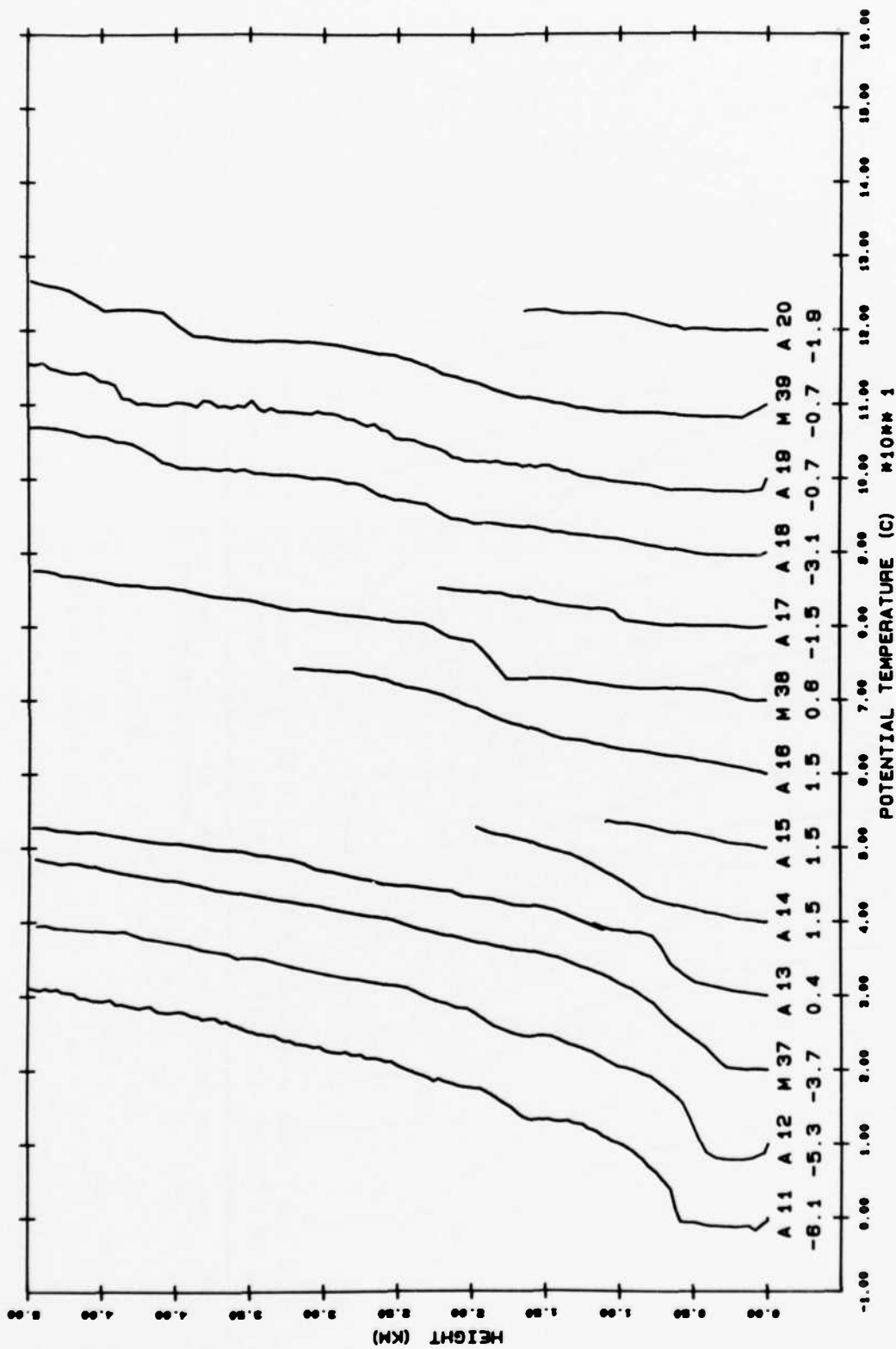
c. 21 to 26 October.

Figure A1 (cont'd). Potential temperature soundings. The upper number under each profile gives the sounding number; M indicates a MicroCORA sounding; A, an Airsonde sounding. The lower of the two numbers is the potential temperature at the lowest level (the surface). The temperature scale is 10°C per horizontal tick mark.



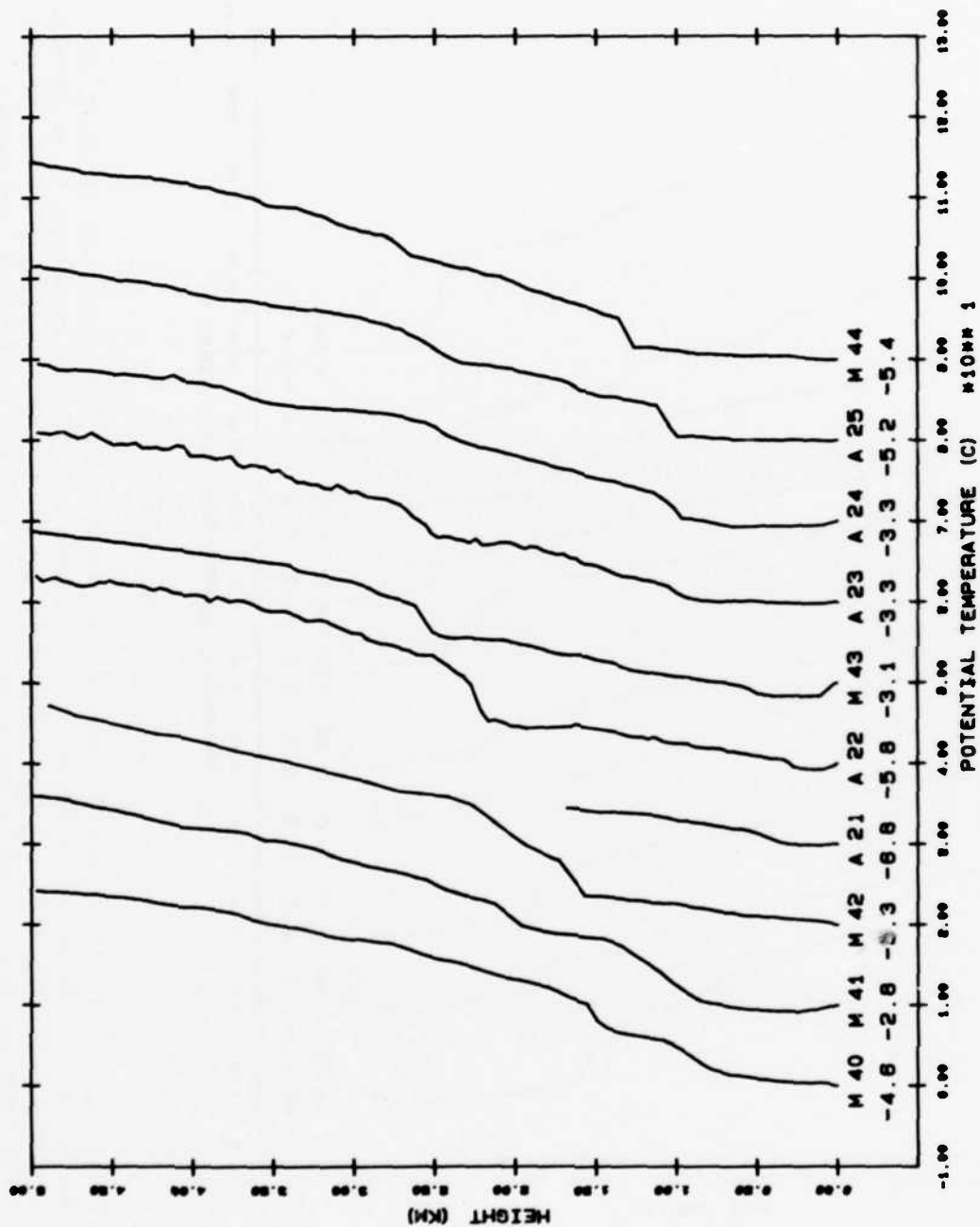
d. 27 October to 1 November.

Figure A1 (cont'd).



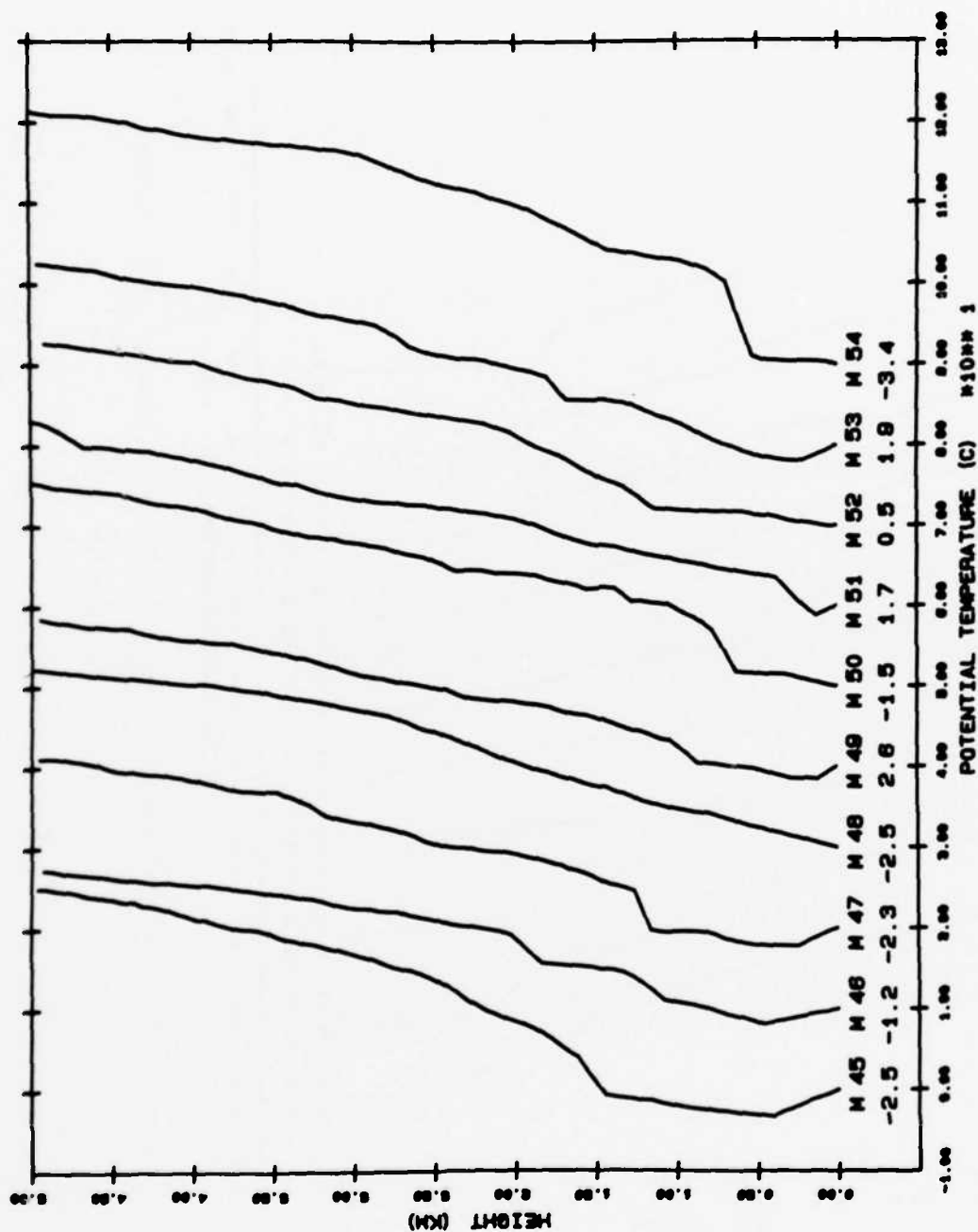
e. These coincide with the Super Station on 2-3 November.

Figure A1 (cont'd). Potential temperature soundings. The upper number under each profile gives the sounding number: M indicates a MicroCORA sounding; A, an Airsonde sounding. The lower of the two numbers is the potential temperature at the lowest level (the surface). The temperature scale is 10°C per horizontal tick mark.



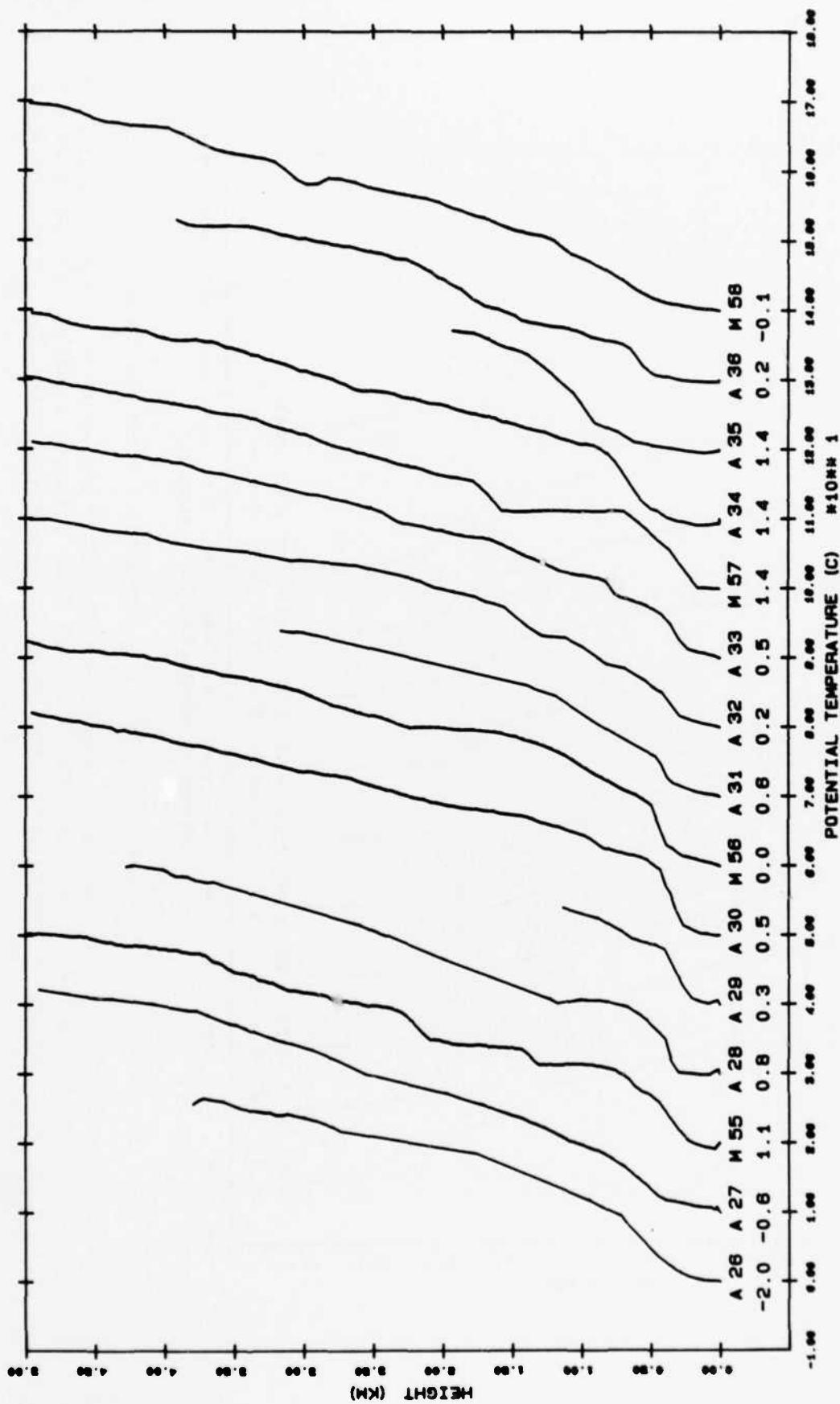
f. Most of these profiles coincide with the Super Station on 5 November.

Figure A1 (cont'd).



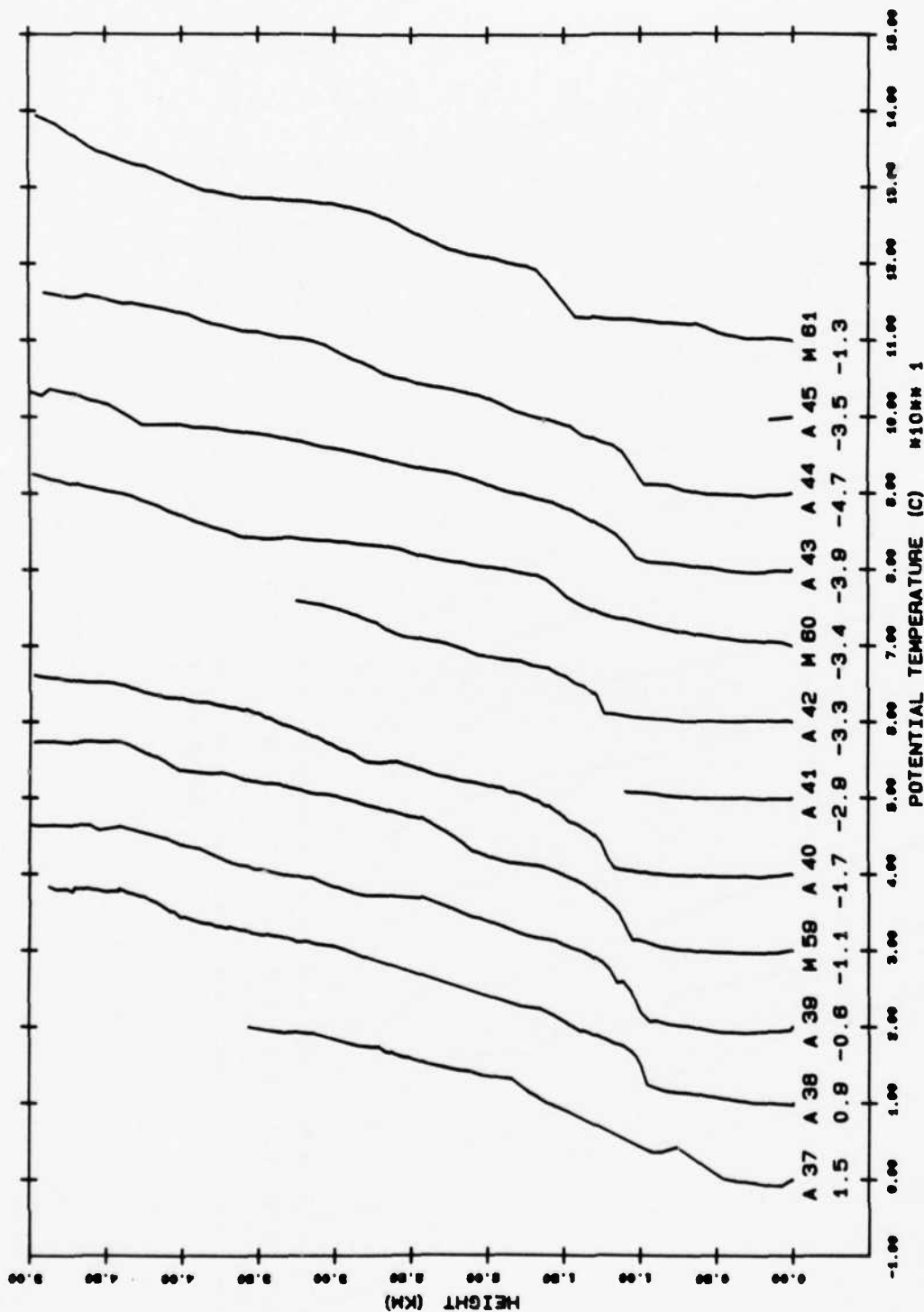
g. 6 to 10 November.

Figure A1 (cont'd). Potential temperature soundings. The upper number under each profile gives the sounding number: M indicates a MicroCORA sounding; A, an Airsonde sounding. The lower of the two numbers is the potential temperature at the lowest level (the surface). The temperature scale is 10°C per horizontal tick mark.



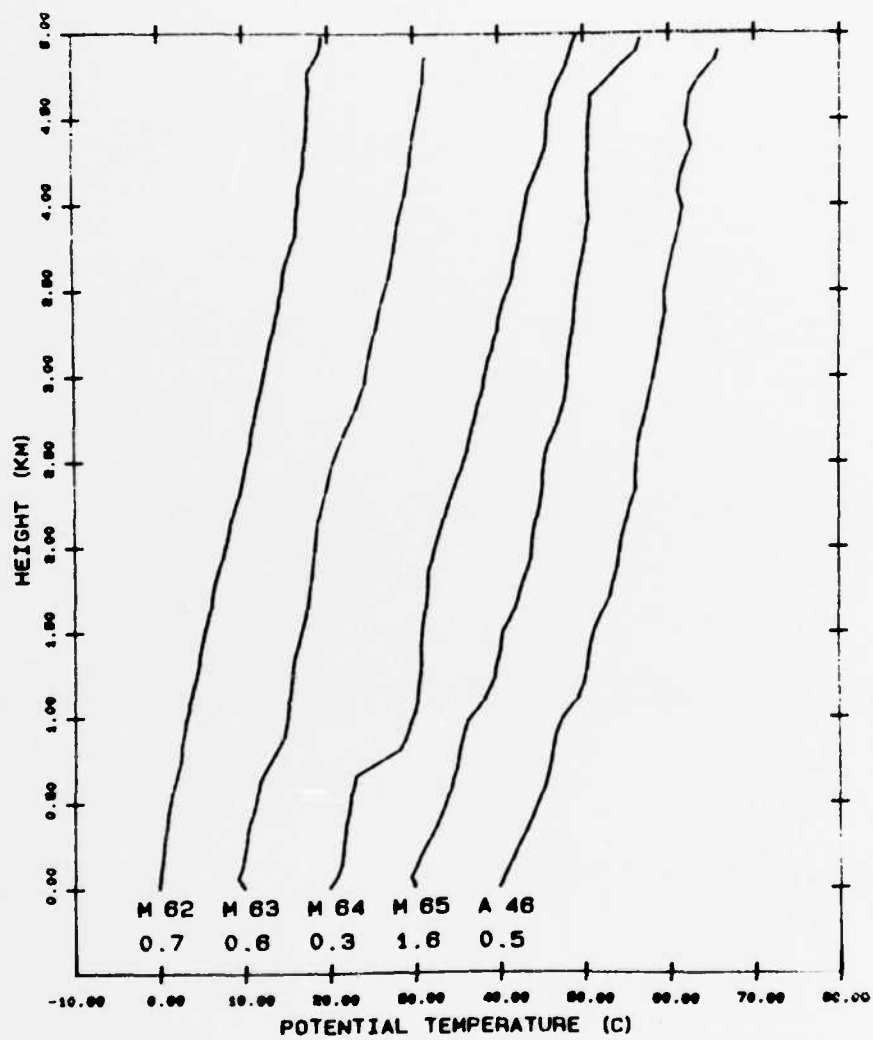
h. Begin the exit traverse of the marginal ice zone on 11-12 November.

Figure A1 (cont'd).



i. Continue the traverse of the marginal ice zone on 13-14 November.

Figure A1 (cont'd). Potential temperature soundings. The upper number under each profile gives the sounding number: M indicates a MicroCORA sounding; A, an Airsonde sounding. The lower of the two numbers is the potential temperature at the lowest level (the surface). The temperature scale is 10°C per horizontal tick mark.



j. 14-16 November, over the open ocean.

Figure A1 (cont'd).

APPENDIX B: MICROCORR SOUNDING DATA

Table B1. Summary of MicroCORR soundings.

SOUNDING	DATE	TIME (GMT)	LATITUDE	LONGITUDE	LEVELS
1	10-15-81	1157	-49.2	-29.3	403
2	10-15-81	2359	-50.2	-26.7	85
3	10-16-81	1134	-51.1	-23.6	432
4	10-16-81	2343	-51.9	-20.6	331
5	10-17-81	1141	-52.5	-17.1	375
6	10-17-81	2341	-53.3	-16.6	594
7	10-18-81	1142	-53.8	-10.0	469
8	10-19-81	135	-54.1	-5.4	82
9	10-19-81	1241	-54.6	-2.4	100
10	10-20-81	1153	-56.2	3.3	342
11	10-20-81	2342	-57.6	5.1	44
12	10-21-81	1142	-58.4	5.2	331
13	10-21-81	2356	-59.4	5.3	390
14	10-22-81	1149	-59.4	6.7	480
15	10-23-81	2340	-59.5	4.5	339
16	10-23-81	1138	-59.4	3.5	89
17	10-24-81	2339	-59.7	3.6	373
18	10-24-81	1151	-59.9	3.5	87
19	10-25-81	2338	-60.2	3.7	340
20	10-25-81	1150	-60.4	3.6	392
21	10-26-81	2348	-60.9	3.3	51
22	10-26-81	1135	-61.2	3.1	413
23	10-27-81	2359	-61.4	2.8	465
24	10-27-81	1150	-61.4	2.7	421
25	10-28-81	2355	-61.6	2.5	434
26	10-29-81	1134	-61.8	2.6	404
27	10-29-81	2339	-61.9	2.4	616
28	10-30-81	1132	-61.9	2.4	313
29	10-30-81	2335	-61.9	2.4	250
30	10-31-81	1151	-62.1	2.4	367
31	10-31-81	1654	-62.1	2.4	209
32	10-31-81	2355	-62.1	2.8	411
33	11-1-81	1154	-62.9	2.9	394
34	11-1-81	2338	-62.9	2.1	468
35	11-1-81	1150	-62.9	2.1	404
36	11-1-81	2333	-62.9	1.2	466
37	11-1-81	1133	-62.9	1.8	325
38	11-1-81	2347	-62.3	1.7	226
39	11-1-81	1137	-62.3	1.0	93
40	11-1-81	2334	-62.2	1.2	424
41	11-1-81	1218	-62.1	1.2	600
42	11-1-81	2341	-62.0	1.2	441
43	11-1-81	1135	-61.9	1.2	156
44	11-1-81	2338	-61.9	1.2	351
45	11-1-81	1137	-61.5	1.1	404
46	11-1-81	2335	-61.5	0.9	454
47	11-1-81	1146	-61.5	0.8	370
48	11-1-81	2347	-60.7	0.5	343
49	11-1-81	1132	-60.6	0.5	97
50	11-1-81	2341	-60.3	0.3	186
51	11-1-81	1136	-60.1	0.3	492
52	11-1-81	2344	-59.7	0.5	641
53	11-1-81	1135	-59.7	0.5	394
54	11-1-81	2338	-59.1	0.7	288
55	11-1-81	1134	-59.4	0.7	162
56	11-1-81	2335	-58.1	1.1	440
57	11-1-81	1159	-57.6	1.1	456
58	11-1-81	2335	-56.4	1.1	357
59	11-1-81	1156	-54.3	1.1	507
60	11-1-81	2337	-53.0	1.1	97
61	11-1-81	1136	-52.4	1.1	260
62	11-1-81	2336	-52.4	1.1	451

Table B2. Data collected during each sounding.

SOUNDING 1.1											
LATITUDE -49.3											
LONGITUDE -119.3											
DATE 1977 11 17											
TIME 1147 GMT											
NUMBER OF LEVELS 43											
HEIGHT	PRES	T	THEIC	THEICV	SEA POINT	REL HUM	E	1E+3*RH0	RH0	DIR	SECF0
(M)	(M)	(C)	(C)	(C)	(C)	(C)	(M)	(G/M+3.3)	(MG/M+3.3)	(DEG)	(M/S)
17.0	1017.0	1.0	1.0	1.0	-1.0	74.0	4.561	1.273	1.273	0.0	7.0
17.5	1016.5	1.0	1.0	1.0	-1.0	74.5	4.561	1.273	1.273	0.0	7.0
18.0	1016.0	1.0	1.0	1.0	-1.0	75.0	4.561	1.273	1.273	0.0	7.0
18.5	1015.5	1.0	1.0	1.0	-1.0	75.5	4.561	1.273	1.273	0.0	7.0
19.0	1015.0	1.0	1.0	1.0	-1.0	76.0	4.561	1.273	1.273	0.0	7.0
19.5	1014.5	1.0	1.0	1.0	-1.0	76.5	4.561	1.273	1.273	0.0	7.0
20.0	1014.0	1.0	1.0	1.0	-1.0	77.0	4.561	1.273	1.273	0.0	7.0
20.5	1013.5	1.0	1.0	1.0	-1.0	77.5	4.561	1.273	1.273	0.0	7.0
21.0	1013.0	1.0	1.0	1.0	-1.0	78.0	4.561	1.273	1.273	0.0	7.0
21.5	1012.5	1.0	1.0	1.0	-1.0	78.5	4.561	1.273	1.273	0.0	7.0
22.0	1012.0	1.0	1.0	1.0	-1.0	79.0	4.561	1.273	1.273	0.0	7.0
22.5	1011.5	1.0	1.0	1.0	-1.0	79.5	4.561	1.273	1.273	0.0	7.0
23.0	1011.0	1.0	1.0	1.0	-1.0	80.0	4.561	1.273	1.273	0.0	7.0
23.5	1010.5	1.0	1.0	1.0	-1.0	80.5	4.561	1.273	1.273	0.0	7.0
24.0	1010.0	1.0	1.0	1.0	-1.0	81.0	4.561	1.273	1.273	0.0	7.0
24.5	1009.5	1.0	1.0	1.0	-1.0	81.5	4.561	1.273	1.273	0.0	7.0
25.0	1009.0	1.0	1.0	1.0	-1.0	82.0	4.561	1.273	1.273	0.0	7.0
25.5	1008.5	1.0	1.0	1.0	-1.0	82.5	4.561	1.273	1.273	0.0	7.0
26.0	1008.0	1.0	1.0	1.0	-1.0	83.0	4.561	1.273	1.273	0.0	7.0
26.5	1007.5	1.0	1.0	1.0	-1.0	83.5	4.561	1.273	1.273	0.0	7.0
27.0	1007.0	1.0	1.0	1.0	-1.0	84.0	4.561	1.273	1.273	0.0	7.0
27.5	1006.5	1.0	1.0	1.0	-1.0	84.5	4.561	1.273	1.273	0.0	7.0
28.0	1006.0	1.0	1.0	1.0	-1.0	85.0	4.561	1.273	1.273	0.0	7.0
28.5	1005.5	1.0	1.0	1.0	-1.0	85.5	4.561	1.273	1.273	0.0	7.0
29.0	1005.0	1.0	1.0	1.0	-1.0	86.0	4.561	1.273	1.273	0.0	7.0
29.5	1004.5	1.0	1.0	1.0	-1.0	86.5	4.561	1.273	1.273	0.0	7.0
30.0	1004.0	1.0	1.0	1.0	-1.0	87.0	4.561	1.273	1.273	0.0	7.0
30.5	1003.5	1.0	1.0	1.0	-1.0	87.5	4.561	1.273	1.273	0.0	7.0
31.0	1003.0	1.0	1.0	1.0	-1.0	88.0	4.561	1.273	1.273	0.0	7.0
31.5	1002.5	1.0	1.0	1.0	-1.0	88.5	4.561	1.273	1.273	0.0	7.0
32.0	1002.0	1.0	1.0	1.0	-1.0	89.0	4.561	1.273	1.273	0.0	7.0
32.5	1001.5	1.0	1.0	1.0	-1.0	89.5	4.561	1.273	1.273	0.0	7.0
33.0	1001.0	1.0	1.0	1.0	-1.0	90.0	4.561	1.273	1.273	0.0	7.0
33.5	1000.5	1.0	1.0	1.0	-1.0	90.5	4.561	1.273	1.273	0.0	7.0
34.0	1000.0	1.0	1.0	1.0	-1.0	91.0	4.561	1.273	1.273	0.0	7.0
34.5	999.5	1.0	1.0	1.0	-1.0	91.5	4.561	1.273	1.273	0.0	7.0
35.0	999.0	1.0	1.0	1.0	-1.0	92.0	4.561	1.273	1.273	0.0	7.0
35.5	998.5	1.0	1.0	1.0	-1.0	92.5	4.561	1.273	1.273	0.0	7.0
36.0	998.0	1.0	1.0	1.0	-1.0	93.0	4.561	1.273	1.273	0.0	7.0
36.5	997.5	1.0	1.0	1.0	-1.0	93.5	4.561	1.273	1.273	0.0	7.0
37.0	997.0	1.0	1.0	1.0	-1.0	94.0	4.561	1.273	1.273	0.0	7.0
37.5	996.5	1.0	1.0	1.0	-1.0	94.5	4.561	1.273	1.273	0.0	7.0
38.0	996.0	1.0	1.0	1.0	-1.0	95.0	4.561	1.273	1.273	0.0	7.0
38.5	995.5	1.0	1.0	1.0	-1.0	95.5	4.561	1.273	1.273	0.0	7.0
39.0	995.0	1.0	1.0	1.0	-1.0	96.0	4.561	1.273	1.273	0.0	7.0
39.5	994.5	1.0	1.0	1.0	-1.0	96.5	4.561	1.273	1.273	0.0	7.0
40.0	994.0	1.0	1.0	1.0	-1.0	97.0	4.561	1.273	1.273	0.0	7.0
40.5	993.5	1.0	1.0	1.0	-1.0	97.5	4.561	1.273	1.273	0.0	7.0
41.0	993.0	1.0	1.0	1.0	-1.0	98.0	4.561	1.273	1.273	0.0	7.0
41.5	992.5	1.0	1.0	1.0	-1.0	98.5	4.561	1.273	1.273	0.0	7.0
42.0	992.0	1.0	1.0	1.0	-1.0	99.0	4.561	1.273	1.273	0.0	7.0
42.5	991.5	1.0	1.0	1.0	-1.0	99.5	4.561	1.273	1.273	0.0	7.0
43.0	991.0	1.0	1.0	1.0	-1.0	100.0	4.561	1.273	1.273	0.0	7.0

HEIGHT (M)	PRES (MM)	T (C)	THETA (C)	THETA V (C)	G.W. POINT (C)	REL HUM (%)	E (MM)	1E+3*RH0V (G/M+3)	RH0 (G/M+3)	DIF (DEG)	SEED (F/G)
6019.	456.7	-39.8	31.3	31.3	-35.9	52.	0.233	0.1848	0.6543	245.0	22.4
6076.	453.0	-39.8	31.7	31.7	-36.1	52.	0.192	0.1812	0.6492	245.0	22.4
6133.	449.4	-39.8	32.1	32.1	-36.3	50.	0.152	0.1776	0.6443	245.0	22.4
6192.	445.7	-39.8	32.5	32.5	-36.5	49.	0.112	0.1740	0.6392	245.0	22.4
6253.	441.9	-39.8	32.9	32.9	-36.7	48.	0.072	0.1704	0.6348	245.0	22.4
6314.	438.1	-39.8	33.4	33.4	-37.2	47.	0.032	0.1668	0.6304	245.0	22.4
6372.	434.5	-39.8	33.8	33.8	-37.7	45.	0.000	0.1632	0.6265	245.0	22.4
6429.	431.0	-39.8	34.3	34.3	-38.2	44.	0.000	0.1596	0.6227	245.0	22.4
6485.	427.6	-39.8	34.7	34.7	-38.7	42.	0.000	0.1560	0.6188	245.0	22.4
6536.	424.5	-39.8	35.0	35.0	-39.0	41.	0.000	0.1524	0.6151	245.0	22.4
6593.	421.1	-39.8	35.4	35.4	-39.5	41.	0.000	0.1488	0.6112	245.0	22.4
6651.	417.6	-39.8	35.8	35.8	-40.0	41.	0.000	0.1452	0.6071	245.0	22.4
6707.	414.3	-39.8	36.2	36.2	-40.5	40.	0.000	0.1416	0.6033	245.0	22.4
6761.	411.1	-39.8	36.6	36.6	-41.0	38.	0.000	0.1380	0.5992	245.0	22.4
6814.	408.0	-39.8	37.0	37.0	-41.5	37.	0.000	0.1344	0.5951	245.0	22.4
6870.	404.9	-39.8	37.4	37.4	-42.0	37.	0.000	0.1308	0.5916	245.0	22.4
6922.	401.7	-39.8	37.8	37.8	-42.5	37.	0.000	0.1272	0.5879	245.0	22.4
6980.	398.4	-39.8	38.2	38.2	-43.0	37.	0.000	0.1236	0.5841	245.0	22.4
7036.	395.2	-39.8	38.6	38.6	-43.5	37.	0.000	0.1200	0.5804	245.0	22.4
7090.	392.1	-39.8	39.0	39.0	-44.0	37.	0.000	0.1164	0.5773	245.0	22.4
7147.	388.9	-39.8	39.4	39.4	-44.5	37.	0.000	0.1128	0.5740	245.0	22.4
7204.	385.7	-39.8	39.8	39.8	-45.0	36.	0.000	0.1092	0.5705	245.0	22.4
7259.	382.5	-39.8	40.2	40.2	-45.5	36.	0.000	0.1056	0.5669	245.0	22.4
7315.	379.3	-39.8	40.6	40.6	-46.0	35.	0.000	0.1020	0.5633	245.0	22.4
7366.	376.7	-39.8	41.0	41.0	-46.5	35.	0.000	0.0984	0.5593	245.0	22.4
7419.	373.9	-39.8	41.4	41.4	-47.0	35.	0.000	0.0948	0.5553	245.0	22.4
7472.	371.4	-39.8	41.8	41.8	-47.5	35.	0.000	0.0912	0.5513	245.0	22.4
7526.	368.8	-39.8	42.2	42.2	-48.0	35.	0.000	0.0876	0.5473	245.0	22.4
7578.	366.2	-39.8	42.6	42.6	-48.5	35.	0.000	0.0840	0.5433	245.0	22.4
7631.	363.6	-39.8	43.0	43.0	-49.0	35.	0.000	0.0804	0.5393	245.0	22.4
7684.	361.0	-39.8	43.4	43.4	-49.5	35.	0.000	0.0768	0.5353	245.0	22.4
7739.	358.4	-39.8	43.8	43.8	-50.0	35.	0.000	0.0732	0.5313	245.0	22.4
7795.	355.8	-39.8	44.2	44.2	-50.5	35.	0.000	0.0696	0.5273	245.0	22.4
7852.	353.2	-39.8	44.6	44.6	-51.0	35.	0.000	0.0660	0.5233	245.0	22.4
7912.	350.6	-39.8	45.0	45.0	-51.5	35.	0.000	0.0624	0.5193	245.0	22.4
7964.	348.0	-39.8	45.4	45.4	-52.0	35.	0.000	0.0588	0.5153	245.0	22.4
8015.	345.4	-39.8	45.8	45.8	-52.5	35.	0.000	0.0552	0.5113	245.0	22.4
8073.	342.8	-39.8	46.2	46.2	-53.0	35.	0.000	0.0516	0.5073	245.0	22.4
8126.	340.2	-39.8	46.6	46.6	-53.5	35.	0.000	0.0480	0.5033	245.0	22.4
8182.	337.6	-39.8	47.0	47.0	-54.0	35.	0.000	0.0444	0.4993	245.0	22.4
8235.	335.0	-39.8	47.4	47.4	-54.5	35.	0.000	0.0408	0.4953	245.0	22.4
8287.	332.4	-39.8	47.8	47.8	-55.0	35.	0.000	0.0372	0.4913	245.0	22.4
8346.	329.8	-39.8	48.2	48.2	-55.5	35.	0.000	0.0336	0.4873	245.0	22.4
8400.	327.2	-39.8	48.6	48.6	-56.0	35.	0.000	0.0300	0.4833	245.0	22.4
8451.	324.6	-39.8	49.0	49.0	-56.5	35.	0.000	0.0264	0.4793	245.0	22.4
8499.	322.0	-39.8	49.4	49.4	-57.0	35.	0.000	0.0228	0.4753	245.0	22.4
8547.	319.4	-39.8	49.8	49.8	-57.5	35.	0.000	0.0192	0.4713	245.0	22.4
8593.	316.8	-39.8	50.2	50.2	-58.0	35.	0.000	0.0156	0.4673	245.0	22.4
8641.	314.2	-39.8	50.6	50.6	-58.5	35.	0.000	0.0120	0.4633	245.0	22.4
8686.	311.6	-39.8	51.0	51.0	-59.0	35.	0.000	0.0084	0.4593	245.0	22.4
8733.	309.0	-39.8	51.4	51.4	-59.5	35.	0.000	0.0048	0.4553	245.0	22.4
8779.	306.4	-39.8	51.8	51.8	-60.0	35.	0.000	0.0012	0.4513	245.0	22.4
8825.	303.8	-39.8	52.2	52.2	-60.5	35.	0.000	0.0000	0.4473	245.0	22.4
8872.	301.2	-39.8	52.6	52.6	-61.0	35.	0.000	0.0000	0.4433	245.0	22.4
8919.	298.6	-39.8	53.0	53.0	-61.5	35.	0.000	0.0000	0.4393	245.0	22.4
9072.	296.0	-39.8	53.4	53.4	-62.0	35.	0.000	0.0000	0.4353	245.0	22.4
9121.	293.4	-39.8	53.8	53.8	-62.5	35.	0.000	0.0000	0.4313	245.0	22.4
9173.	290.8	-39.8	54.2	54.2	-63.0	35.	0.000	0.0000	0.4273	245.0	22.4
9225.	288.2	-39.8	54.6	54.6	-63.5	35.	0.000	0.0000	0.4233	245.0	22.4
9275.	285.6	-39.8	55.0	55.0	-64.0	35.	0.000	0.0000	0.4193	245.0	22.4
9327.	283.0	-39.8	55.4	55.4	-64.5	35.	0.000	0.0000	0.4153	245.0	22.4
9378.	280.4	-39.8	55.8	55.8	-65.0	35.	0.000	0.0000	0.4113	245.0	22.4
9429.	277.8	-39.8	56.2	56.2	-65.5	35.	0.000	0.0000	0.4073	245.0	22.4
9482.	275.2	-39.8	56.6	56.6	-66.0	35.	0.000	0.0000	0.4033	245.0	22.4
9534.	272.6	-39.8	57.0	57.0	-66.5	35.	0.000	0.0000	0.3993	245.0	22.4
9585.	270.0	-39.8	57.4	57.4	-67.0	35.	0.000	0.0000	0.3953	245.0	22.4
9636.	267.4	-39.8	57.8	57.8	-67.5	35.	0.000	0.0000	0.3913	245.0	22.4
9687.	264.8	-39.8	58.2	58.2	-68.0	35.	0.000	0.0000	0.3873	245.0	22.4
9738.	262.2	-39.8	58.6	58.6	-68.5	35.	0.000	0.0000	0.3833	245.0	22.4
9789.	259.6	-39.8	59.0	59.0	-69.0	35.	0.000	0.0000	0.3793	245.0	22.4
9840.	257.0	-39.8	59.4	59.4	-69.5	35.	0.000	0.0000	0.3753	245.0	22.4
9891.	254.4	-39.8	59.8	59.8	-70.0	35.	0.000	0.0000	0.3713	245.0	22.4
9942.	251.8	-39.8	60.2	60.2	-70.5	35.	0.000	0.0000	0.3673	245.0	22.4
9993.	249.2	-39.8	60.6	60.6	-71.0	35.	0.000	0.0000	0.3633	245.0	22.4
10044.	246.6	-39.8	61.0	61.0	-71.5	35.	0.000	0.0000	0.3593	245.0	22.4
10095.	244.0	-39.8	61.4	61.4	-72.0	35.	0.000	0.0000	0.3553	245.0	22.4
10146.	241.4	-39.8	61.8	61.8	-72.5	35.	0.000	0.0000	0.3513	245.0	22.4
10197.	238.8	-39.8	62.2	62.2	-73.0	35.	0.000	0.0000	0.3473	245.0	22.4
10248.	236.2	-39.8	62.6	62.6	-73.5	35.	0.000	0.0000	0.3433	245.0	22.4
10299.	233.6	-39.8	63.0	63.0	-74.0	35.	0.000	0.0000	0.3393	245.0	22.4
10350.	231.0	-39.8	63.4	63.4	-74.5	35.	0.000	0.0000	0.3353	245.0	22.4
10401.	228.4	-39.8	63.8	63.8	-75.0	35.	0.000	0.0000	0.3313	245.0	22.4
10452.	225.8	-39.8	64.2	64.2	-75.5	35.	0.000	0.0000	0.3273	245.0	22.4
10503.	223.2	-39.8	64.6	64.6	-76.0	35.	0.000	0.0000	0.3233	245.0	22.4
10554.	220.6	-39.8	65.0	65.0	-76.5	35.	0.000	0.0000	0.3193	245.0	22.4
10605.	218.0	-39.8	65.4	65.4	-77.0	35.	0.000	0.0000	0.3153	245.0	22.4
10656.	215.4	-39.8	65.8	65.8	-77.5	35.	0.000	0.0000	0.3113	245.0	22.4
10707.	212.8	-39.8	66.2	66.2	-78.0	35.	0.000	0.0000	0.3073	245.0	22.4
10758.	210.2	-39.8	66.6	66.6	-78.5	35.	0.000	0.0000	0.3033	245.0	22.4
10809.	207.6	-39.8	67.0	67.0	-79.0	35.	0.000	0.0000	0.2993	245.0	22.4
10860.	205.0	-39.8	67.4	67.4	-79.5	35.	0.000	0.0000	0.2953	245.0	22.4
10911.	202.4	-39.8	67.8	67.8	-80.0	35.	0.000	0.0000	0.2913	245.0	22.4
10962.	199.8	-39.8	68.2	68.2	-80.5	35.	0.000	0.0000	0.2873	245.0	22.4
11013.	197.2	-39.8	68.6	68.6	-81.0	35.	0.000	0.0000	0.2833	245.0	22.4
11064.	194.6	-39.8	69.0	69.0	-81.5	35.	0.000	0.0000	0.2793	245.0	22.4
11115.	192.0	-39.8	69.4	69.4	-82.0	35.	0.000	0.0000	0.2753	245.0	22.4
11166.	189.4	-39.8	69.8	69.8	-82.5	35.	0.000	0.0000	0.2713	245.0	22.4
11217.	186.8	-39.8	70.2	70.2	-83.0	35.	0.000	0.0000	0.2673	245.0	22.4
11268.	184.2	-39.8	70.6	70.6	-83.5	35.	0.000	0.0000	0.2633	245.0	22.4
11319.	181.6	-39.8	71.0	71.0	-84.0	35.	0.000	0.0000	0.2593	245.0	22.4
11370.	179.0	-39.8	71.4	71.4	-84.5	35.	0.000	0.0000	0.2553	245.0	22.4
11421.	176.4	-39.8	71.8	71.8	-85.0	35.	0.000	0.0000	0.2513	245.0	22.4
11472.	173.8	-39.8	72.2	72.2	-85.5	35.	0.000	0.0000	0.2473	245.0	22.4
11523.	171.2	-									

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA (C)	WIND DIRECTION (C)	REL HUM (%)	WIND (M/S)	10-3 RH0 (G/M-3)	RHO (KG/M-3)	WIND (M/S)	SPEED (M/S)
1158.0	195.5	-6.4	170.0	170.0	170.0	100.0	0.0	0.0	0.0	0.0	0.0
1161.0	195.7	-6.4	170.0	170.0	170.0	100.0	0.0	0.0	0.0	0.0	0.0
1164.0	195.9	-6.4	170.0	170.0	170.0	100.0	0.0	0.0	0.0	0.0	0.0
1167.0	196.1	-6.4	170.0	170.0	170.0	100.0	0.0	0.0	0.0	0.0	0.0
1170.0	196.3	-6.4	170.0	170.0	170.0	100.0	0.0	0.0	0.0	0.0	0.0
1173.0	196.5	-6.4	170.0	170.0	170.0	100.0	0.0	0.0	0.0	0.0	0.0
1176.0	196.7	-6.4	170.0	170.0	170.0	100.0	0.0	0.0	0.0	0.0	0.0
1179.0	196.9	-6.4	170.0	170.0	170.0	100.0	0.0	0.0	0.0	0.0	0.0
1182.0	197.1	-6.4	170.0	170.0	170.0	100.0	0.0	0.0	0.0	0.0	0.0
1185.0	197.3	-6.4	170.0	170.0	170.0	100.0	0.0	0.0	0.0	0.0	0.0
1188.0	197.5	-6.4	170.0	170.0	170.0	100.0	0.0	0.0	0.0	0.0	0.0
1191.0	197.7	-6.4	170.0	170.0	170.0	100.0	0.0	0.0	0.0	0.0	0.0
1194.0	197.9	-6.4	170.0	170.0	170.0	100.0	0.0	0.0	0.0	0.0	0.0
1197.0	198.1	-6.4	170.0	170.0	170.0	100.0	0.0	0.0	0.0	0.0	0.0
1200.0	198.3	-6.4	170.0	170.0	170.0	100.0	0.0	0.0	0.0	0.0	0.0
1203.0	198.5	-6.4	170.0	170.0	170.0	100.0	0.0	0.0	0.0	0.0	0.0
1206.0	198.7	-6.4	170.0	170.0	170.0	100.0	0.0	0.0	0.0	0.0	0.0
1209.0	198.9	-6.4	170.0	170.0	170.0	100.0	0.0	0.0	0.0	0.0	0.0
1212.0	199.1	-6.4	170.0	170.0	170.0	100.0	0.0	0.0	0.0	0.0	0.0
1215.0	199.3	-6.4	170.0	170.0	170.0	100.0	0.0	0.0	0.0	0.0	0.0
1218.0	199.5	-6.4	170.0	170.0	170.0	100.0	0.0	0.0	0.0	0.0	0.0
1221.0	199.7	-6.4	170.0	170.0	170.0	100.0	0.0	0.0	0.0	0.0	0.0
1224.0	199.9	-6.4	170.0	170.0	170.0	100.0	0.0	0.0	0.0	0.0	0.0
1227.0	200.1	-6.4	170.0	170.0	170.0	100.0	0.0	0.0	0.0	0.0	0.0
1230.0	200.3	-6.4	170.0	170.0	170.0	100.0	0.0	0.0	0.0	0.0	0.0
1233.0	200.5	-6.4	170.0	170.0	170.0	100.0	0.0	0.0	0.0	0.0	0.0
1236.0	200.7	-6.4	170.0	170.0	170.0	100.0	0.0	0.0	0.0	0.0	0.0
1239.0	200.9	-6.4	170.0	170.0	170.0	100.0	0.0	0.0	0.0	0.0	0.0
1242.0	201.1	-6.4	170.0	170.0	170.0	100.0	0.0	0.0	0.0	0.0	0.0
1245.0	201.3	-6.4	170.0	170.0	170.0	100.0	0.0	0.0	0.0	0.0	0.0
1248.0	201.5	-6.4	170.0	170.0	170.0	100.0	0.0	0.0	0.0	0.0	0.0
1251.0	201.7	-6.4	170.0	170.0	170.0	100.0	0.0	0.0	0.0	0.0	0.0
1254.0	201.9	-6.4	170.0	170.0	170.0	100.0	0.0	0.0	0.0	0.0	0.0
1257.0	202.1	-6.4	170.0	170.0	170.0	100.0	0.0	0.0	0.0	0.0	0.0
1260.0	202.3	-6.4	170.0	170.0	170.						

SOUNDING 2.0
LATITUDE -50.2 LONGITUDE -26.7
DATE 10-15-81 TIME 2359 GMT
NUMBER OF LEVELS 85

30

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3+RH0W (G/M+3)	RH0 (KG/M+3)	DIR (DEG)	SPEED (M/S)
991.1	864.6	1.4	11.7	11.7	-7.4	57.1	3.6714	2.6503	1.2553	370.0	4.0
188.7	877.7	1.3	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
114.7	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
111.7	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
124.7	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
133.3	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
133.3	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
141.1	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
141.1	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
155.5	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
155.5	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
161.3	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
177.7	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
191.3	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
217.7	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
227.7	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
243.3	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
252.2	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
271.1	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
288.8	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
306.6	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
317.7	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
335.5	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
352.2	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
368.8	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
384.4	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
399.9	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
415.5	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
431.1	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
446.7	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
462.3	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
477.9	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
493.5	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
509.1	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
524.7	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
540.3	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
555.9	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
571.5	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
587.1	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
602.7	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
618.3	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
633.9	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
649.5	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
665.1	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
680.7	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
696.3	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
711.9	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
727.5	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
743.1	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
758.7	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
774.3	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
789.9	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
805.5	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
821.1	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
836.7	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
852.3	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
867.9	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
883.5	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
899.1	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
914.7	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
930.3	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
945.9	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
961.5	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
977.1	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1
992.7	886.6	1.1	11.7	11.7	-12.1	15.1	3.6714	2.6503	1.2553	370.0	4.1

SOUNDING 3.0
 LATITUDE -51.1 LONGITUDE -23.6
 DATE 10-16-81 TIME 1154 GMT
 NUMBER OF LEVELS 432

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3+RH0W (G/M+3)	RH0 (KG/M+3)	DIR (DEG)	SPEED (M/S)
0.	995.4	2.4	2.4	3.4	5.8	82.1	6.5214	5.1574	1.2654	370.0	4.0
45.	989.9	2.0	2.8	3.4	-0.4	84.1	5.9542	4.7305	1.2580	370.0	3.9
90.	984.4	2.1	3.3	3.9	-1.0	77.7	5.4970	4.3848	1.2503	370.0	4.7
131.	979.4	2.3	4.0	4.5	-1.5	68.8	5.2864	4.2250	1.2384	370.0	4.6
175.	974.1	2.4	4.5	5.0	-2.0	61.1	5.1237	4.1014	1.2267	370.0	4.5
222.	968.4	2.4	5.0	5.5	-2.5	56.8	4.9612	3.9731	1.2201	370.0	4.5
270.	962.2	2.4	5.5	6.0	-3.0	51.7	4.7987	3.8445	1.2134	370.0	4.5
317.	955.2	2.3	6.0	6.5	-3.5	47.1	4.6362	3.7159	1.2067	370.0	4.5
374.	948.6	2.3	6.5	7.0	-4.0	41.1	4.4737	3.5872	1.1999	370.0	4.5
424.	943.3	2.3	7.0	7.5	-4.5	36.9	4.3112	3.4585	1.1932	370.0	4.5
475.	938.3	2.3	7.5	8.0	-5.0	32.7	4.1487	3.3298	1.1865	370.0	4.5
513.	934.3	2.3	8.0	8.5	-5.5	28.5	3.9862	3.2011	1.1798	370.0	4.5
554.	929.5	2.3	8.5	9.0	-6.0	24.3	3.8237	3.0724	1.1731	370.0	4.5
599.	924.4	2.3	9.0	9.5	-6.5	20.1	3.6612	2.9437	1.1664	370.0	4.5
647.	918.3	2.3	9.5	10.0	-7.0	15.9	3.4987	2.8150	1.1597	370.0	4.5
698.	913.3	2.3	10.0	10.5	-7.5	11.7	3.3362	2.6863	1.1530	370.0	4.5
746.	907.6	2.3	10.5	11.0	-8.0	7.5	3.1737	2.5576	1.1463	370.0	4.5
797.	901.8	2.3	11.0	11.5	-8.5	3.3	3.0112	2.4289	1.1396	370.0	4.5
847.	896.2	2.3	11.5	12.0	-9.0	0.0	2.8487	2.3002	1.1329	370.0	4.5
895.	890.7	2.3	12.0	12.5	-9.5	0.0	2.6862	2.1715	1.1262	370.0	4.5
943.	885.5	2.3	12.5	13.0	-10.0	0.0	2.5237	2.0428	1.1195	370.0	4.5
988.	880.3	2.3	13.0	13.5	-10.5	0.0	2.3612	1.9141	1.1128	370.0	4.5
1031.	875.8	2.3	13.5	14.0	-11.0	0.0	2.1987	1.7854	1.1061	370.0	4.5
1076.	870.9	2.3	14.0	14.5	-11.5	0.0	2.0362	1.6567	1.0994	370.0	4.5
1124.	865.6	2.3	14.5	15.0	-12.0	0.0	1.8737	1.5280	1.0927	370.0	4.5
1175.	860.1	2.3	15.0	15.5	-12.5	0.0	1.7112	1.4000	1.0860	370.0	4.5
1227.	854.4	2.3	15.5	16.0	-13.0	0.0	1.5487	1.2713	1.0793	370.0	4.5
1277.	849.1	2.3	16.0	16.5	-13.5	0.0	1.3862	1.1426	1.0726	370.0	4.5
1325.	843.9	2.3	16.5	17.0	-14.0	0.0	1.2237	1.0139	1.0659	370.0	4.5
1373.	838.8	2.3	17.0	17.5	-14.5	0.0	1.0612	0.8852	1.0592	370.0	4.5
1425.	833.3	2.3	17.5	18.0	-15.0	0.0	0.8987	0.7565	1.0525	370.0	4.5

HEIGHT (F)	PRES (MM)	T (C)	THETA (C)	THETA V (C)	DEL POINT (C)	RFL HUM (C)	E (MM)	1E+3*RHOW (G/M**2)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
1477.	827.8	-4.4	10.5	10.9	-8.4	71.	3.0133	2.4658	1.0755	278.0	9.7
1530.	822.3	-4.7	10.7	11.1	-8.7	71.	2.9372	2.4062	1.0695	270.0	9.9
1579.	817.0	-5.1	10.8	11.2	-9.0	63.	2.8516	2.0770	1.0640	270.0	10.5
1628.	812.0	-5.2	11.2	11.5	-10.4	56.	2.7196	1.8403	1.0575	271.0	10.5
1683.	806.4	-5.4	11.6	11.3	-13.2	50.	2.5481	1.6241	1.0508	271.0	10.8
1734.	801.1	-5.5	11.9	12.0	-12.8	53.	2.4298	1.6893	1.0448	273.0	11.3
1788.	795.6	-5.8	12.0	12.8	-12.4	59.	2.3108	1.7517	1.0384	273.0	11.6
1839.	790.4	-6.1	12.5	12.8	-12.3	60.	2.1644	1.7964	1.0329	273.0	11.8
1888.	785.5	-6.5	12.5	12.8	-12.4	61.	2.0263	1.7661	1.0280	272.0	11.8
1939.	780.4	-6.8	12.7	13.0	-12.4	61.	2.1063	1.7502	1.0224	271.0	11.8
1986.	775.7	-7.1	12.9	13.2	-12.7	61.	2.0521	1.7071	1.0174	274.0	11.1
2037.	770.6	-7.4	13.1	13.4	-13.1	60.	1.9665	1.6388	1.0118	274.0	12.2
2093.	765.1	-7.8	13.3	13.6	-13.7	59.	1.8674	1.5596	1.0060	274.0	12.4
2149.	759.6	-8.1	13.6	13.8	-14.2	58.	1.7882	1.4962	0.9999	275.0	12.5
2204.	754.2	-8.4	13.8	14.1	-14.8	56.	1.6817	1.4108	0.9938	274.0	12.5
2257.	749.1	-8.7	14.0	14.3	-15.5	54.	1.5795	1.3285	0.9881	274.0	12.7
2307.	744.2	-9.2	14.1	14.4	-16.2	53.	1.4834	1.2510	0.9834	275.0	12.9
2358.	739.3	-9.5	14.1	14.4	-16.0	56.	1.3129	1.2748	0.9785	276.0	13.2
2408.	733.1	-10.0	14.2	14.5	-16.3	59.	1.2123	1.2748	0.9737	277.0	13.4
2455.	725.5	-10.4	14.3	14.5	-16.3	61.	1.1715	1.2413	0.9696	277.0	13.8
2503.	721.1	-10.6	14.4	14.7	-16.6	61.	1.1429	1.2070	0.9602	279.0	14.1
2550.	716.6	-11.4	14.7	14.9	-17.9	55.	1.2656	1.0743	0.9551	279.0	14.3
2643.	712.4	-11.6	15.0	15.2	-19.7	47.	1.0622	0.9083	0.9498	280.0	14.5
2692.	707.8	-11.7	15.4	15.6	-22.3	37.	0.8287	0.7158	0.9438	280.0	14.8
2739.	703.5	-11.6	15.7	15.8	-22.3	28.	0.6159	0.5385	0.9386	280.0	14.9
2785.	699.3	-12.4	15.6	15.8	-23.0	37.	0.7780	0.6738	0.9349	281.0	15.0
2834.	694.8	-13.3	15.5	15.7	-21.7	44.	0.8762	0.7551	0.9311	281.0	15.1
2882.	690.0	-13.3	15.5	15.6	-21.1	49.	0.9323	0.8015	0.9271	282.0	15.2
2932.	685.5	-14.4	15.5	15.6	-21.2	51.	0.9271	0.7971	0.9228	282.0	15.3
2983.	681.1	-15.5	15.5	15.6	-21.4	52.	0.8226	0.7772	0.9184	282.0	15.3
3033.	677.0	-15.5	15.5	15.6	-21.4	57.	0.8954	0.7710	0.9137	283.0	15.6
3087.	672.6	-16.0	15.5	15.6	-21.4	60.	0.9024	0.7768	0.9094	283.0	15.8
3136.	667.6	-16.4	15.5	15.6	-21.8	60.	0.9068	0.7804	0.9052	284.0	16.0
3188.	663.0	-16.4	15.5	15.7	-21.8	61.	0.8736	0.7539	0.9003	284.0	16.3
3234.	658.5	-16.5	15.6	15.7	-22.1	61.	0.8476	0.7315	0.8959	285.0	16.5
3285.	654.1	-17.3	15.7	15.8	-22.3	62.	0.8298	0.7167	0.8913	285.0	16.5
3343.	649.4	-17.8	15.7	15.9	-22.4	64.	0.8172	0.7063	0.8866	285.0	16.5
3396.	644.8	-18.0	15.7	15.9	-22.6	66.	0.8038	0.6952	0.8821	285.0	16.4
3444.	640.0	-18.7	15.8	16.0	-23.0	66.	0.7739	0.6704	0.8776	285.0	16.4
3492.	635.7	-19.5	16.1	16.2	-23.6	64.	0.7293	0.6333	0.8720	284.0	16.4
3542.	631.1	-19.4	16.2	16.3	-24.1	63.	0.6911	0.6014	0.8674	283.0	16.4
3592.	627.1	-19.4	16.4	16.5	-24.4	63.	0.6715	0.5850	0.8625	283.0	16.4
3642.	623.3	-20.0	16.5	16.6	-24.7	63.	0.6539	0.5630	0.8580	283.0	16.4
3692.	619.1	-20.0	16.5	16.6	-24.7	63.	0.6214	0.5434	0.8484	283.0	16.2
3742.	615.0	-20.0	16.5	16.6	-24.7	63.	0.6339	0.5535	0.8418	283.0	16.2
3792.	610.6	-20.0	16.5	16.6	-24.7	64.	0.6565	0.5724	0.8355	279.0	16.4
3842.	606.2	-20.0	16.5	16.6	-24.9	65.	0.6667	0.5810	0.8296	280.0	16.4
3892.	597.9	-20.0	16.5	16.6	-24.9	65.	0.6603	0.5757	0.8240	280.0	21.7
3942.	593.3	-20.0	16.5	16.6	-24.9	65.	0.6415	0.5599	0.8188	279.0	21.7
4003.	589.4	-20.0	16.5	16.6	-24.9	65.	0.6293	0.5496	0.8137	280.0	21.4
4063.	585.1	-20.0	16.5	16.6	-24.9	65.	0.6172	0.5395	0.8086	280.0	21.4
4116.	580.8	-20.0	16.5	16.6	-24.9	65.	0.6113	0.5346	0.8029	281.0	21.4
4171.	576.5	-20.0	16.5	16.6	-24.9	66.	0.6147	0.5374	0.7973	281.0	21.4
4222.	572.1	-20.0	16.5	16.6	-24.9	66.	0.6240	0.5452	0.7912	281.0	21.4
4272.	567.7	-20.0	16.5	16.6	-24.9	67.	0.6160	0.5400	0.7855	281.0	21.4
4334.	563.3	-20.0	16.5	16.6	-24.9	67.	0.6446	0.5711	0.7804	281.0	21.4
4396.	559.0	-20.0	16.5	16.6	-24.9	63.	0.5580	0.4905	0.7699	280.0	21.4
4458.	554.4	-20.0	16.5	16.6	-24.9	63.	0.5428	0.4770	0.7650	280.0	21.4
4520.	549.7	-20.0	16.5	16.6	-24.9	61.	0.5131	0.4424	0.7604	280.0	21.4
4582.	545.3	-20.0	16.5	16.6	-24.9	61.	0.4811	0.4259	0.7560	280.0	21.4
4644.	540.8	-20.0	16.5	16.6	-24.9	61.	0.4620	0.4090	0.7513	280.0	21.4
4706.	536.4	-20.0	16.5	16.6	-24.9	60.	0.4176	0.3878	0.7464	280.0	21.4
4768.	532.0	-20.0	16.5	16.6	-24.9	59.	0.4177	0.3709	0.7415	280.0	21.4
4830.	527.6	-20.0	16.5	16.6	-24.9	59.	0.4054	0.3604	0.7368	280.0	21.4
4892.	523.2	-20.0	16.5	16.6	-24.9	59.	0.3980	0.3532	0.7322	280.0	21.4
4954.	518.9	-20.0	16.5	16.6	-24.9	59.	0.3744	0.3381	0.7276	280.0	21.4
5016.	514.5	-20.0	16.5	16.6	-24.9	59.	0.3744	0.3381	0.7276	280.0	21.4
5078.	510.1	-20.0	16.5	16.6	-24.9	59.	0.3744	0.3381	0.7276	280.0	21.4
5140.	505.7	-20.0	16.5	16.6	-24.9	59.	0.3744	0.3381	0.7276	280.0	21.4
5202.	501.3	-20.0	16.5	16.6	-24.9	59.	0.3744	0.3381	0.7276	280.0	21.4
5264.	496.9	-20.0	16.5	16.6	-24.9	59.	0.3744	0.3381	0.7276	280.0	21.4
5326.	492.5	-20.0	16.5	16.6	-24.9	59.	0.3744	0.3381	0.7276	280.0	21.4
5388.	488.1	-20.0	16.5	16.6	-24.9	59.	0.3744	0.3381	0.7276	280.0	21.4
5450.	483.7	-20.0	16.5	16.6	-24.9	59.	0.3744	0.3381	0.7276	280.0	21.4
5512.	479.3	-20.0	16.5	16.6	-24.9	59.	0.3744	0.3381	0.7276	280.0	21.4
5574.	474.9	-20.0	16.5	16.6	-24.9	59.	0.3744	0.3381	0.7276	280.0	21.4
5636.	470.5	-20.0	16.5	16.6	-24.9	59.	0.3744	0.3381	0.7276	280.0	21.4
5698.	466.1	-20.0	16.5	16.6	-24.9	59.	0.3744	0.3381	0.7276	280.0	21.4
5760.	461.7	-20.0	16.5	16.6	-24.9	59.	0.3744	0.3381	0.7276	280.0	21.4
5822.	457.3	-20.0	16.5	16.6	-24.9	59.	0.3744	0.3381	0.7276	280.0	21.4
5884.	452.9	-20.0	16.5	16.6	-24.9	59.	0.3744	0.3381	0.7276	280.0	21.4
5946.	448.5	-20.0	16.5	16.6	-24.9	59.	0.3744	0.3381	0.7276	280.0	21.4
6008.	444.1	-20.0	16.5	16.6	-24.9	59.	0.3744	0.3381	0.7276	280.0	21.4
6070.	439.7	-20.0	16.5	16.6	-24.9	59.	0.3744	0.3381	0.7276	280.0	21.4
6132.	435.3	-20.0	16.5	16.6	-24.9	59.	0.3744	0.3381	0.7276	280.0	21.4
6194.	430.9	-20.0	16.5	16.6	-24.9	59.	0.3744	0.3381	0.7276	280.0	21.4
6256.	426.5	-20.0	16.5	16.6	-24.9	59.	0.3744	0.3381	0.7276	280.0	21.4
6318.	422.1	-20.0	16.5	16.6	-24.9	59.	0.3744	0.3381	0.7276	280.0	21.4
6380.	417.7	-20.0	16.5	16.6	-24.9	59.	0.3744	0.3381	0.7276	280.0	21.4
6442.	413.3	-20.0	16.5	16.6	-24.9	59.	0.3744	0.3381	0.7276	280.0	21.4
6504.	408.9	-20.0	16.5	16.6	-24.9	59.	0.3744	0.3381	0.7276	280.0	21.4
6566.	404.5	-20.0	16.5	16.6	-24.9	59.	0.3744	0.3381	0.7276	280.0	21.4
6628.	400.1	-20.0	16.5	16.6	-24.9	59.	0.3744	0.3381	0.7276	280.0	21.4
6690.	395.7	-20.0	16.5	16.6	-24.9	59.	0.3744	0.3381	0.7276	280.0	21.4
6752.	391.3	-20.0	16.5	16.6	-24.9	59.	0.3744	0.3381	0.7276	280.0	21.4
6814.	386.9	-20.0	16.5	16.6	-24.9	59.	0.3744	0.3381	0.7276	280.0	21.4
6876.	382.5	-20.0	16.5	16.6	-24.9	59.	0.3744	0.3381	0.7276	280.0	21.4
6938.	378.1	-20.0	16.5	16.6	-24.9	59.	0.3744	0.3381	0.7276	280.0	21.4
7000.	373.7	-20.0	16.5	16.6	-24.9	59.	0.3744	0.3381	0.7276	280.0	21.4
7062.	369.3	-20.0	16.5	16.6	-24.9	59.	0.3744	0.3381	0.7276	280.0	21.4
7124.	364.9	-20.0	16.5	16.6	-24.9	59.	0.3744	0.3381	0.7276	280.0	21.4
7186.	360.5	-20.0	16.5	16.6	-24.9	59.	0.3744	0.3381	0.7276	280.0	21.4
7248.	356.1	-20.0	16.5	16.6	-24.9	59.	0.3744	0.3381	0.7276		

HEIGHT (M)	PRES (MM)	T (C)	THETA (C)	THETA (C)	BLK POINT (C)	REL HUM (%)	E (M)	1E+3 RH04 (G/M+3)	R40 (M/G+3)	DIR (DEG)	SPEED (M/S)
7292.	374.4	-41.4	33.7	33.7	-49.6	38.	0	0.0417	0.0404	0.5628	46.8
7341.	371.7	-41.4	33.6	33.7	-50.5	38.	0	0.0373	0.0363	0.5600	46.9
7390.	369.0	-42.2	33.6	33.6	-51.1	38.	0	0.0342	0.0334	0.5571	46.9
7441.	366.2	-43.3	33.6	33.6	-51.8	38.	0	0.0314	0.0307	0.5541	47.6
7491.	363.4	-44.4	33.6	33.6	-52.5	38.	0	0.0287	0.0282	0.5510	48.7
7545.	359.7	-45.5	33.6	33.6	-53.3	38.	0	0.0262	0.0258	0.5477	49.7
7597.	357.8	-46.6	33.6	33.6	-54.4	38.	0	0.0237	0.0235	0.5444	50.7
7648.	355.1	-47.7	33.6	33.6	-55.2	38.	0	0.0214	0.0213	0.5413	51.7
7697.	352.5	-48.8	33.6	33.6	-56.0	38.	0	0.0194	0.0194	0.5382	52.7
7746.	349.9	-49.9	33.7	33.7	-56.5	38.	0	0.0173	0.0173	0.5350	53.7
7799.	347.1	-50.9	33.7	33.7	-56.6	38.	0	0.0154	0.0154	0.5318	54.7
7846.	344.7	-51.9	33.7	33.7	-56.6	38.	0	0.0135	0.0135	0.5287	55.7
7893.	342.2	-52.9	33.7	33.7	-56.6	38.	0	0.0117	0.0117	0.5257	56.7
7942.	339.7	-53.9	33.7	33.7	-56.6	38.	0	0.0099	0.0099	0.5227	57.7
7989.	337.3	-54.9	33.7	33.7	-56.6	38.	0	0.0082	0.0082	0.5197	58.7
8036.	334.9	-55.9	33.7	33.7	-56.6	38.	0	0.0065	0.0065	0.5167	59.7
8081.	332.6	-56.9	33.7	33.7	-56.6	38.	0	0.0049	0.0049	0.5137	60.7
8128.	330.2	-57.9	33.7	33.7	-56.6	38.	0	0.0033	0.0033	0.5107	61.7
8175.	327.7	-58.9	33.7	33.7	-56.6	38.	0	0.0018	0.0018	0.5077	62.7
8226.	325.3	-59.9	33.7	33.7	-56.6	38.	0	0.0003	0.0003	0.5047	63.7
8260.	322.6	-60.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.5017	64.7
8333.	320.3	-61.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.4987	65.7
8386.	317.4	-62.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.4957	66.7
8435.	315.0	-63.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.4927	67.7
8486.	312.5	-64.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.4897	68.7
8534.	310.2	-65.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.4867	69.7
8585.	307.6	-66.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.4837	70.7
8633.	305.2	-67.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.4807	71.7
8685.	302.6	-68.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.4777	72.7
8733.	300.2	-69.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.4747	73.7
8775.	297.7	-70.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.4717	74.7
8825.	295.3	-71.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.4687	75.7
8877.	292.8	-72.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.4657	76.7
8924.	290.2	-73.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.4627	77.7
8972.	287.6	-74.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.4597	78.7
9020.	285.3	-75.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.4567	79.7
9067.	282.8	-76.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.4537	80.7
9114.	280.2	-77.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.4507	81.7
9158.	277.7	-78.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.4477	82.7
9203.	275.3	-79.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.4447	83.7
9246.	272.8	-80.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.4417	84.7
9295.	270.2	-81.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.4387	85.7
9335.	267.7	-82.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.4357	86.7
9377.	265.3	-83.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.4327	87.7
9423.	262.8	-84.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.4297	88.7
9470.	260.2	-85.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.4267	89.7
9512.	257.7	-86.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.4237	90.7
9556.	255.3	-87.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.4207	91.7
9599.	252.8	-88.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.4177	92.7
9642.	250.2	-89.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.4147	93.7
9685.	247.7	-90.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.4117	94.7
9731.	245.3	-91.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.4087	95.7
9776.	242.8	-92.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.4057	96.7
9827.	240.2	-93.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.4027	97.7
9877.	237.7	-94.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.3997	98.7
9926.	235.3	-95.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.3967	99.7
9971.	232.8	-96.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.3937	100.7
10018.	230.2	-97.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.3907	101.7
10065.	227.7	-98.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.3877	102.7
10111.	225.3	-99.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.3847	103.7
10166.	222.8	-100.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.3817	104.7
10217.	220.2	-101.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.3787	105.7
10263.	217.7	-102.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.3757	106.7
10315.	215.3	-103.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.3727	107.7
10365.	212.8	-104.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.3697	108.7
10416.	210.2	-105.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.3667	109.7
10467.	207.7	-106.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.3637	110.7
10511.	205.3	-107.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.3607	111.7
10564.	202.8	-108.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.3577	112.7
10611.	200.2	-109.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.3547	113.7
10658.	197.7	-110.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.3517	114.7
10702.	195.3	-111.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.3487	115.7
10744.	192.8	-112.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.3457	116.7
10785.	190.2	-113.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.3427	117.7
10825.	187.7	-114.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.3397	118.7
10865.	185.3	-115.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.3367	119.7
10903.	182.8	-116.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.3337	120.7
10941.	180.2	-117.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.3307	121.7
10979.	177.7	-118.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.3277	122.7
11017.	175.3	-119.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.3247	123.7
11054.	172.8	-120.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.3217	124.7
11091.	170.2	-121.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.3187	125.7
11128.	167.7	-122.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.3157	126.7
11165.	165.3	-123.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.3127	127.7
11202.	162.8	-124.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.3097	128.7
11239.	160.2	-125.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.3067	129.7
11276.	157.7	-126.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.3037	130.7
11313.	155.3	-127.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.3007	131.7
11350.	152.8	-128.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.2977	132.7
11387.	150.2	-129.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.2947	133.7
11424.	147.7	-130.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.2917	134.7
11461.	145.3	-131.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.2887	135.7
11498.	142.8	-132.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.2857	136.7
11535.	140.2	-133.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.2827	137.7
11572.	137.7	-134.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.2797	138.7
11609.	135.3	-135.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.2767	139.7
11646.	132.8	-136.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.2737	140.7
11683.	130.2	-137.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.2707	141.7
11720.	127.7	-138.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.2677	142.7
11757.	125.3	-139.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.2647	143.7
11794.	122.8	-140.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.2617	144.7
11831.	120.2	-141.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.2587	145.7
11868.	117.7	-142.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.2557	146.7
11905.	115.3	-143.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.2527	147.7
11942.	112.8	-144.9	33.7	33.7	-56.6	38.	0	0.0000	0.0000	0.2497	148.7

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HEIGHT (FT)	PRES (IN)	T (C)	THETA (C)	THETA (C)	DEG POINT (C)	REL HUM (%)	E (M)	10*3*RH04 (G/M*100)	R40 (M/G/M*100)	DIR (DEG)	SPEED (KTS)
1456.	827.9	-5.8	9.0	9.5	-6.3	96.	3.6144	2.9346	1.0817	305.0	9.9
1511.	822.1	-6.1	9.3	9.7	-6.6	96.	3.5222	2.8624	1.0753	305.0	9.9
1566.	816.4	-6.3	9.6	10.1	-6.8	96.	3.4300	2.8162	1.0686	305.0	9.9
1621.	810.6	-6.4	10.1	10.5	-6.9	96.	3.3378	2.7697	1.0614	305.0	9.9
1677.	804.9	-6.5	10.5	11.0	-7.0	96.	3.2456	2.7241	1.0547	305.0	9.9
1732.	799.2	-6.7	11.0	11.5	-7.2	96.	3.1534	2.6785	1.0470	305.0	9.9
1788.	793.5	-7.1	11.5	12.0	-7.6	96.	3.0612	2.6329	1.0410	305.0	9.9
1844.	787.8	-7.5	12.0	12.5	-8.0	96.	2.9690	2.5873	1.0352	305.0	9.9
1899.	782.2	-7.8	12.5	13.0	-8.3	96.	2.8768	2.5417	1.0294	305.0	9.9
1955.	776.5	-8.2	13.0	13.5	-8.7	96.	2.7846	2.4961	1.0240	305.0	9.9
2006.	771.0	-8.4	13.5	14.0	-9.1	96.	2.6924	2.4505	1.0182	305.0	9.9
2066.	765.4	-8.6	14.0	14.5	-9.4	96.	2.6002	2.4049	1.0118	305.0	9.9
2121.	760.1	-8.9	14.5	15.0	-9.9	96.	2.5080	2.3593	1.0061	305.0	9.9
2177.	754.6	-9.4	15.0	15.5	-10.4	96.	2.4158	2.3137	1.0006	305.0	9.9
2232.	749.3	-10.0	15.5	16.0	-10.8	96.	2.3236	2.2681	0.9951	305.0	9.9
2287.	743.6	-10.5	16.0	16.5	-11.3	96.	2.2314	2.2225	0.9895	305.0	9.9
2342.	738.1	-11.1	16.5	17.0	-11.8	96.	2.1392	2.1769	0.9838	305.0	9.9
2397.	732.5	-11.6	17.0	17.5	-12.3	96.	2.0470	2.1313	0.9781	305.0	9.9
2452.	727.1	-12.2	17.5	18.0	-12.8	96.	1.9548	2.0857	0.9724	305.0	9.9
2508.	721.5	-12.7	18.0	18.5	-13.3	96.	1.8626	2.0401	0.9667	305.0	9.9
2563.	715.8	-13.2	18.5	19.0	-13.6	96.	1.7704	2.0000	0.9608	305.0	9.9
2618.	710.5	-13.7	19.0	19.5	-14.1	96.	1.6782	1.9544	0.9555	305.0	9.9
2673.	705.1	-14.1	19.5	20.0	-14.5	96.	1.5860	1.9088	0.9496	305.0	9.9
2728.	699.7	-14.4	20.0	20.5	-14.8	96.	1.4938	1.8632	0.9434	305.0	9.9
2783.	694.4	-14.7	20.5	21.0	-15.1	96.	1.4016	1.8176	0.9373	305.0	9.9
2838.	689.3	-15.1	21.0	21.5	-15.5	96.	1.3094	1.7720	0.9315	305.0	9.9
2893.	684.1	-15.4	21.5	22.0	-15.8	96.	1.2172	1.7264	0.9259	305.0	9.9
2948.	678.9	-15.7	22.0	22.5	-16.1	96.	1.1250	1.6808	0.9203	305.0	9.9
3003.	673.7	-16.0	22.5	23.0	-16.4	96.	1.0328	1.6352	0.9149	305.0	9.9
3058.	668.4	-16.3	23.0	23.5	-16.7	96.	0.9406	1.5896	0.9094	305.0	9.9
3113.	663.1	-16.6	23.5	24.0	-17.0	96.	0.8484	1.5440	0.9040	305.0	9.9
3168.	657.8	-16.9	24.0	24.5	-17.3	96.	0.7562	1.4984	0.8985	305.0	9.9
3223.	652.5	-17.2	24.5	25.0	-17.6	96.	0.6640	1.4528	0.8931	305.0	9.9
3278.	647.2	-17.5	25.0	25.5	-17.9	96.	0.5718	1.4072	0.8876	305.0	9.9
3333.	641.9	-17.8	25.5	26.0	-18.2	96.	0.4796	1.3616	0.8822	305.0	9.9
3388.	636.6	-18.1	26.0	26.5	-18.5	96.	0.3874	1.3160	0.8767	305.0	9.9
3443.	631.3	-18.4	26.5	27.0	-18.8	96.	0.2952	1.2704	0.8713	305.0	9.9
3498.	626.0	-18.7	27.0	27.5	-19.1	96.	0.2030	1.2248	0.8658	305.0	9.9
3553.	620.7	-19.0	27.5	28.0	-19.4	96.	0.1108	1.1792	0.8604	305.0	9.9
3608.	615.4	-19.3	28.0	28.5	-19.7	96.	0.0186	1.1336	0.8550	305.0	9.9
3663.	610.1	-19.6	28.5	29.0	-20.0	96.	0.0000	1.0880	0.8496	305.0	9.9
3718.	604.8	-20.0	29.0	29.5	-20.4	96.	0.0000	1.0424	0.8442	305.0	9.9
3773.	599.5	-20.3	29.5	30.0	-20.7	96.	0.0000	0.9968	0.8388	305.0	9.9
3828.	594.2	-20.6	30.0	30.5	-21.0	96.	0.0000	0.9512	0.8334	305.0	9.9
3883.	588.9	-20.9	30.5	31.0	-21.3	96.	0.0000	0.9056	0.8280	305.0	9.9
3938.	583.6	-21.2	31.0	31.5	-21.6	96.	0.0000	0.8600	0.8226	305.0	9.9
3993.	578.3	-21.5	31.5	32.0	-21.9	96.	0.0000	0.8144	0.8172	305.0	9.9
4048.	573.0	-21.8	32.0	32.5	-22.2	96.	0.0000	0.7688	0.8118	305.0	9.9
4103.	567.7	-22.1	32.5	33.0	-22.5	96.	0.0000	0.7232	0.8064	305.0	9.9
4158.	562.4	-22.4	33.0	33.5	-22.8	96.	0.0000	0.6776	0.8010	305.0	9.9
4213.	557.1	-22.7	33.5	34.0	-23.1	96.	0.0000	0.6320	0.7956	305.0	9.9
4268.	551.8	-23.0	34.0	34.5	-23.4	96.	0.0000	0.5864	0.7902	305.0	9.9
4323.	546.5	-23.3	34.5	35.0	-23.7	96.	0.0000	0.5408	0.7848	305.0	9.9
4378.	541.2	-23.6	35.0	35.5	-24.0	96.	0.0000	0.4952	0.7794	305.0	9.9
4433.	535.9	-23.9	35.5	36.0	-24.3	96.	0.0000	0.4496	0.7740	305.0	9.9
4488.	530.6	-24.2	36.0	36.5	-24.6	96.	0.0000	0.4040	0.7686	305.0	9.9
4543.	525.3	-24.5	36.5	37.0	-24.9	96.	0.0000	0.3584	0.7632	305.0	9.9
4598.	520.0	-24.8	37.0	37.5	-25.2	96.	0.0000	0.3128	0.7578	305.0	9.9
4653.	514.7	-25.1	37.5	38.0	-25.5	96.	0.0000	0.2672	0.7524	305.0	9.9
4708.	509.4	-25.4	38.0	38.5	-25.8	96.	0.0000	0.2216	0.7470	305.0	9.9
4763.	504.1	-25.7	38.5	39.0	-26.1	96.	0.0000	0.1760	0.7416	305.0	9.9
4818.	498.8	-26.0	39.0	39.5	-26.4	96.	0.0000	0.1304	0.7362	305.0	9.9
4873.	493.5	-26.3	39.5	40.0	-26.7	96.	0.0000	0.0848	0.7308	305.0	9.9
4928.	488.2	-26.6	40.0	40.5	-27.0	96.	0.0000	0.0392	0.7254	305.0	9.9
4983.	482.9	-26.9	40.5	41.0	-27.3	96.	0.0000	0.0000	0.7200	305.0	9.9
5038.	477.6	-27.2	41.0	41.5	-27.6	96.	0.0000	0.0000	0.7146	305.0	9.9
5093.	472.3	-27.5	41.5	42.0	-27.9	96.	0.0000	0.0000	0.7092	305.0	9.9
5148.	467.0	-27.8	42.0	42.5	-28.2	96.	0.0000	0.0000	0.7038	305.0	9.9
5203.	461.7	-28.1	42.5	43.0	-28.5	96.	0.0000	0.0000	0.6984	305.0	9.9
5258.	456.4	-28.4	43.0	43.5	-28.8	96.	0.0000	0.0000	0.6930	305.0	9.9
5313.	451.1	-28.7	43.5	44.0	-29.1	96.	0.0000	0.0000	0.6876	305.0	9.9
5368.	445.8	-29.0	44.0	44.5	-29.4	96.	0.0000	0.0000	0.6822	305.0	9.9
5423.	440.5	-29.3	44.5	45.0	-29.7	96.	0.0000	0.0000	0.6768	305.0	9.9
5478.	435.2	-29.6	45.0	45.5	-30.0	96.	0.0000	0.0000	0.6714	305.0	9.9
5533.	429.9	-29.9	45.5	46.0	-30.3	96.	0.0000	0.0000	0.6660	305.0	9.9
5588.	424.6	-30.2	46.0	46.5	-30.6	96.	0.0000	0.0000	0.6606	305.0	9.9
5643.	419.3	-30.5	46.5	47.0	-30.9	96.	0.0000	0.0000	0.6552	305.0	9.9
5698.	414.0	-30.8	47.0	47.5	-31.2	96.	0.0000	0.0000	0.6498	305.0	9.9
5753.	408.7	-31.1	47.5	48.0	-31.5	96.	0.0000	0.0000	0.6444	305.0	9.9
5808.	403.4	-31.4	48.0	48.5	-31.8	96.	0.0000	0.0000	0.6390	305.0	9.9
5863.	398.1	-31.7	48.5	49.0	-32.1	96.	0.0000	0.0000	0.6336	305.0	9.9
5918.	392.8	-32.0	49.0	49.5	-32.4	96.	0.0000	0.0000	0.6282	305.0	9.9
5973.	387.5	-32.3	49.5	50.0	-32.7	96.	0.0000	0.0000	0.6228	305.0	9.9
6028.	382.2	-32.6	50.0	50.5	-33.0	96.	0.0000	0.0000	0.6174	305.0	9.9
6083.	376.9	-32.9	50.5	51.0	-33.3	96.	0.0000	0.0000	0.6120	305.0	9.9
6138.	371.6	-33.2	51.0	51.5	-33.6	96.	0.0000	0.0000	0.6066	305.0	9.9
6193.	366.3	-33.5	51.5	52.0	-33.9	96.	0.0000	0.0000	0.6012	305.0	9.9
6248.	361.0	-33.8	52.0	52.5	-34.2	96.	0.0000	0.0000	0.5958	305.0	9.9
6303.	355.7	-34.1	52.5	53.0	-34.5	96.	0.0000	0.0000	0.5904	305.0	9.9
6358.	350.4	-34.4	53.0	53.5	-34.8	96.	0.0000	0.0000	0.5850	305.0	9.9
6413.	345.1	-34.7	53.5	54.0	-35.1	96.	0.0000	0.0000	0.5796	305.0	9.9
6468.	339.8	-35.0	54.0	54.5	-35.4	96.	0.0000	0.0000	0.5742	305.0	9.9
6523.	334.5	-35.3	54.5	55.0	-35.7	96.	0.0000	0.0000	0.5688	305.0	9.9
6578.	329.2	-35.6	55.0	55.5	-36.0	96.	0.0000	0.0000	0.5634	305.0	9.9
6633.	323.9	-35.9	55.5	56.0	-36.3	96.	0.0000	0.0000	0.5580	305.0	9.9
6688.	318.6	-36.2	56.0	56.5	-36.6	96.	0.0000	0.0000	0.5526	305.0	9.9
6743.	313.3	-36.5	56.5	57.0	-36.9	96.	0.0000	0.0000	0.5472	305.0	9.9
6798.	308.0	-36.8	57.0	57.5	-37.2	96.	0.0000	0.0000	0.5418	305.0	9.9
6853.	302.7	-37.1	57.5	58.0	-37.5	96.	0.0000	0.0000	0.5364	305.0	9.9
6908.	297.4	-37.4	58.0	58.5	-37.8	96.	0.0000	0.0000	0.5310	305.0	9.9
6963.	292.1	-37.7	58.5	59.0	-38.1	96.	0.0000	0.0000	0.5256	305.0	9.9
7018.	286.8	-38.0	59.0	59.5	-38.4	96.	0.0000	0.0000	0.5202	305.0	9.9
7073.	281.5	-38.3	59.5	60.0	-38.7	96.	0.0000	0.0000	0.5148	305.0	9.9
7128.	276.2	-38.6	60.0	60.5	-39.0	96.	0.0000	0.000			

HEIGHT (M)	PRES (MB)	T (C)	THEIA (C)	THEIAV (C)	DEN POINT (C)	REL HUM (%)	E (MM)	1E+3*RH0V (G/M**2)	RH0 (KG/M**2)	D1R (DEG)	SEED (M/S)
8132.	324.7	-53.0	30.4	30.4	-54.3	96.	0.0260	0.0256	0.5138	306.0	45.6
8201.	324.2	-53.1	30.5	30.5	-54.9	96.	0.0241	0.0235	0.5097	306.0	45.6
8270.	317.7	-54.2	30.6	30.6	-55.5	96.	0.0223	0.0221	0.5057	306.0	45.6
8342.	314.8	-54.7	30.9	30.9	-56.0	96.	0.0208	0.0208	0.5011	306.0	45.6
8414.	310.7	-55.3	31.1	31.1	-56.6	96.	0.0194	0.0193	0.4969	306.0	45.6
8484.	307.3	-55.9	31.2	31.2	-57.0	96.	0.0179	0.0179	0.4928	306.0	45.6
8552.	304.0	-56.7	31.0	31.0	-57.0	96.	0.0161	0.0162	0.4893	306.0	45.6
8619.	300.8	-57.1	31.3	31.3	-57.4	96.	0.0153	0.0154	0.4850	306.0	45.6
8669.	297.5	-57.5	31.7	31.7	-57.8	96.	0.0145	0.0146	0.4806	306.0	45.6
8759.	294.2	-57.9	32.1	32.1	-58.2	96.	0.0138	0.0139	0.4761	306.0	45.6
8832.	290.8	-58.4	32.4	32.4	-58.7	96.	0.0129	0.0130	0.4717	306.0	45.6
8902.	287.6	-58.8	32.8	32.8	-59.1	96.	0.0122	0.0124	0.4674	306.0	45.6
8972.	284.4	-59.3	33.0	33.0	-59.7	96.	0.0114	0.0114	0.4635	306.0	45.6
9040.	281.1	-59.9	33.5	33.5	-60.2	96.	0.0105	0.0107	0.4595	306.0	45.6
9109.	277.8	-60.1	34.0	34.0	-60.4	96.	0.0100	0.0102	0.4545	306.0	45.6
9181.	275.0	-60.3	35.6	35.6	-60.6	96.	0.0097	0.0099	0.4497	306.0	45.6
9254.	271.3	-60.5	36.4	36.4	-60.9	96.	0.0096	0.0098	0.4449	306.0	45.6
9325.	268.7	-60.6	37.2	37.2	-61.3	96.	0.0094	0.0096	0.4402	306.0	45.6
9397.	265.6	-60.7	38.2	38.2	-61.7	96.	0.0093	0.0095	0.4353	306.0	45.6
9473.	262.4	-60.8	39.1	39.1	-61.2	96.	0.0092	0.0094	0.4303	306.0	45.6
9547.	259.3	-61.1	40.0	40.0	-61.3	96.	0.0091	0.0093	0.4254	306.0	45.6
9619.	256.3	-61.2	40.9	40.9	-61.5	96.	0.0090	0.0092	0.4207	306.0	45.6
9692.	253.3	-61.3	41.6	41.6	-61.4	96.	0.0089	0.0091	0.4159	306.0	45.6
9761.	250.0	-61.4	42.3	42.3	-61.4	96.	0.0088	0.0090	0.4117	306.0	45.6
9830.	247.7	-61.1	43.0	43.0	-61.4	96.	0.0087	0.0089	0.4069	306.0	45.6
9903.	244.8	-61.1	43.5	43.5	-61.6	96.	0.0086	0.0088	0.4022	306.0	45.6
10000.	242.0	-61.1	44.0	44.0	-61.6	96.	0.0085	0.0087	0.3978	306.0	45.6
10052.	239.1	-61.1	44.5	44.5	-61.6	96.	0.0084	0.0086	0.3933	306.0	45.6
10107.	236.5	-61.1	45.0	45.0	-61.6	96.	0.0083	0.0085	0.3888	306.0	45.6
10162.	233.9	-61.1	45.5	45.5	-61.6	96.	0.0082	0.0084	0.3843	306.0	45.6
10217.	231.3	-61.1	46.0	46.0	-61.6	96.	0.0081	0.0083	0.3794	306.0	45.6
10272.	228.7	-61.1	46.5	46.5	-61.7	96.	0.0080	0.0082	0.3746	306.0	45.6
10327.	226.1	-61.1	47.0	47.0	-61.7	96.	0.0079	0.0081	0.3700	306.0	45.6
10382.	223.5	-61.1	47.5	47.5	-61.7	96.	0.0078	0.0080	0.3656	306.0	45.6
10437.	220.9	-61.1	48.0	48.0	-61.7	96.	0.0077	0.0079	0.3609	306.0	45.6
10492.	218.3	-61.1	48.5	48.5	-61.7	96.	0.0076	0.0078	0.3562	306.0	45.6
10547.	215.7	-61.1	49.0	49.0	-61.7	96.	0.0075	0.0077	0.3512	306.0	45.6
10602.	213.1	-61.1	49.5	49.5	-61.7	96.	0.0074	0.0076	0.3463	306.0	45.6
10657.	210.5	-61.1	50.0	50.0	-61.7	96.	0.0073	0.0075	0.3416	306.0	45.6
10712.	207.9	-61.1	50.5	50.5	-61.7	96.	0.0072	0.0074	0.3370	306.0	45.6
10767.	205.3	-61.1	51.0	51.0	-61.7	96.	0.0071	0.0073	0.3322	306.0	45.6
10822.	202.7	-61.1	51.5	51.5	-61.7	96.	0.0070	0.0072	0.3276	306.0	45.6
10877.	200.1	-61.1	52.0	52.0	-61.7	96.	0.0069	0.0071	0.3230	306.0	45.6
10932.	197.5	-61.1	52.5	52.5	-61.7	96.	0.0068	0.0070	0.3184	306.0	45.6
10987.	194.9	-61.1	53.0	53.0	-61.7	96.	0.0067	0.0069	0.3136	306.0	45.6
11042.	192.3	-61.1	53.5	53.5	-61.7	96.	0.0066	0.0068	0.3090	306.0	45.6
11097.	189.7	-61.1	54.0	54.0	-61.7	96.	0.0065	0.0067	0.3044	306.0	45.6
11152.	187.1	-61.1	54.5	54.5	-61.7	96.	0.0064	0.0066	0.3000	306.0	45.6
11207.	184.5	-61.1	55.0	55.0	-61.7	96.	0.0063	0.0065	0.2954	306.0	45.6
11262.	181.9	-61.1	55.5	55.5	-61.7	96.	0.0062	0.0064	0.2909	306.0	45.6
11317.	179.3	-61.1	56.0	56.0	-61.7	96.	0.0061	0.0063	0.2863	306.0	45.6
11372.	176.7	-61.1	56.5	56.5	-61.7	96.	0.0060	0.0062	0.2818	306.0	45.6
11427.	174.1	-61.1	57.0	57.0	-61.7	96.	0.0059	0.0061	0.2772	306.0	45.6
11482.	171.5	-61.1	57.5	57.5	-61.7	96.	0.0058	0.0060	0.2727	306.0	45.6
11537.	168.9	-61.1	58.0	58.0	-61.7	96.	0.0057	0.0059	0.2681	306.0	45.6
11592.	166.3	-61.1	58.5	58.5	-61.7	96.	0.0056	0.0058	0.2636	306.0	45.6
11647.	163.7	-61.1	59.0	59.0	-61.7	96.	0.0055	0.0057	0.2590	306.0	45.6
11702.	161.1	-61.1	59.5	59.5	-61.7	96.	0.0054	0.0056	0.2545	306.0	45.6
11757.	158.5	-61.1	60.0	60.0	-61.7	96.	0.0053	0.0055	0.2500	306.0	45.6
11812.	155.9	-61.1	60.5	60.5	-61.7	96.	0.0052	0.0054	0.2454	306.0	45.6
11867.	153.3	-61.1	61.0	61.0	-61.7	96.	0.0051	0.0053	0.2409	306.0	45.6
11922.	150.7	-61.1	61.5	61.5	-61.7	96.	0.0050	0.0052	0.2363	306.0	45.6
11977.	148.1	-61.1	62.0	62.0	-61.7	96.	0.0049	0.0051	0.2318	306.0	45.6
12032.	145.5	-61.1	62.5	62.5	-61.7	96.	0.0048	0.0050	0.2272	306.0	45.6
12087.	142.9	-61.1	63.0	63.0	-61.7	96.	0.0047	0.0049	0.2227	306.0	45.6
12142.	140.3	-61.1	63.5	63.5	-61.7	96.	0.0046	0.0048	0.2181	306.0	45.6
12197.	137.7	-61.1	64.0	64.0	-61.7	96.	0.0045	0.0047	0.2136	306.0	45.6
12252.	135.1	-61.1	64.5	64.5	-61.7	96.	0.0044	0.0046	0.2090	306.0	45.6
12307.	132.5	-61.1	65.0	65.0	-61.7	96.	0.0043	0.0045	0.2045	306.0	45.6
12362.	130.0	-61.1	65.5	65.5	-61.7	96.	0.0042	0.0044	0.2000	306.0	45.6
12417.	127.4	-61.1	66.0	66.0	-61.7	96.	0.0041	0.0043	0.1954	306.0	45.6
12472.	124.8	-61.1	66.5	66.5	-61.7	96.	0.0040	0.0042	0.1909	306.0	45.6
12527.	122.2	-61.1	67.0	67.0	-61.7	96.	0.0039	0.0041	0.1863	306.0	45.6
12582.	119.6	-61.1	67.5	67.5	-61.7	96.	0.0038	0.0040	0.1818	306.0	45.6
12637.	117.0	-61.1	68.0	68.0	-61.7	96.	0.0037	0.0039	0.1772	306.0	45.6
12692.	114.4	-61.1	68.5	68.5	-61.7	96.	0.0036	0.0038	0.1727	306.0	45.6
12747.	111.8	-61.1	69.0	69.0	-61.7	96.	0.0035	0.0037	0.1681	306.0	45.6
12802.	109.2	-61.1	69.5	69.5	-61.7	96.	0.0034	0.0036	0.1636	306.0	45.6
12857.	106.6	-61.1	70.0	70.0	-61.7	96.	0.0033	0.0035	0.1590	306.0	45.6
12912.	104.0	-61.1	70.5	70.5	-61.7	96.	0.0032	0.0034	0.1545	306.0	45.6
12967.	101.4	-61.1	71.0	71.0	-61.7	96.	0.0031	0.0033	0.1500	306.0	45.6
13022.	98.8	-61.1	71.5	71.5	-61.7	96.	0.0030	0.0032	0.1454	306.0	45.6
13077.	96.2	-61.1	72.0	72.0	-61.7	96.	0.0029	0.0031	0.1409	306.0	45.6
13132.	93.6	-61.1	72.5	72.5	-61.7	96.	0.0028	0.0030	0.1363	306.0	45.6
13187.	91.0	-61.1	73.0	73.0	-61.7	96.	0.0027	0.0029	0.1318	306.0	45.6
13242.	88.4	-61.1	73.5	73.5	-61.7	96.	0.0026	0.0028	0.1272	306.0	45.6
13297.	85.8	-61.1	74.0	74.0	-61.7	96.	0.0025	0.0027	0.1227	306.0	45.6
13352.	83.2	-61.1	74.5	74.5	-61.7	96.	0.0024	0.0026	0.1181	306.0	45.6
13407.	80.6	-61.1	75.0	75.0	-61.7	96.	0.0023	0.0025	0.1136	306.0	45.6
13462.	78.0	-61.1	75.5	75.5	-61.7	96.	0.0022	0.0024	0.1090	306.0	45.6
13517.	75.4	-61.1	76.0	76.0	-61.7	96.	0.0021	0.0023	0.1045	306.0	45.6
13572.	72.8	-61.1	76.5	76.5	-61.7	96.	0.0020	0.0022	0.1000	306.0	45.6
13627.	70.2	-61.1	77.0	77.0	-61.7	96.	0.0019	0.0021	0.0954	306.0	45.6
13682.	67.6	-61.1	77.5	77.5	-61.7	96.	0.0018	0.0020	0.0909	306.0	45.6
13737.	65.0	-61.1	78.0	78.0	-61.7	96.	0.0017	0.0019	0.0863	306.0	45.6
13792.	62.4	-61.1	78.5	78.5	-61.7	96.	0.0016	0.0018	0.0818	306.0	45.6
13847.	59.8	-61.1	79.0	79.0	-61.7	96.	0.0015	0.0017	0.0772	306.0	45.6
13902.	57.2	-61.1	79.5	79.5	-61.7	96.	0.0014	0.0016	0.0727	306.0	45.6
13957.	54.6	-61.1	80.0	80.0	-61.7	96.	0.0013	0.0015	0.0681	306.0	45.6
14012.	52.0	-61.1	80.5	80.5	-61.7	96.	0.0012	0.0014	0.0636	306.0	45.6
14067.	49.4	-61.1	81.0	81.0	-61.7	96.	0.0011	0.0013	0.0590	306.0	45.6
14122.	46.8	-61.1	81.5	81.5	-61.7	96.	0.0010	0.0012	0.0545	306.0	45.6
14177.											

HEIGHT (M)	PRES (MM)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MM)	1E+3+RH0V (G/M+3)	RHO (KG/M+3)	AIR (DEG)	SPEED (M/S)
1538	995.3	1.5	1.9	2.5	6.3	92.	6.2921	4.9870	1.2674	340.0	0.0
1542	984.6	1.5	2.4	3.1	6.3	93.	6.2624	5.0364	1.2590	340.0	0.0
1546	974.3	1.5	2.8	3.4	6.3	93.	6.2645	4.9680	1.2509	334.0	0.0
1550	967.1	1.5	3.3	3.7	6.3	93.	6.2135	4.8671	1.2429	329.0	0.0
1554	959.7	1.5	3.6	4.0	6.3	94.	6.0686	4.8167	1.2350	325.0	0.0
1558	952.4	1.5	4.0	4.3	6.3	94.	6.0526	4.7184	1.2269	322.0	10.0
1562	944.6	1.5	4.6	4.6	6.3	94.	6.0527	4.6573	1.2184	317.0	10.0
1566	937.2	1.5	5.0	5.1	6.3	94.	6.0527	4.5216	1.2106	317.0	9.0
1570	929.7	1.5	5.5	5.6	6.3	94.	6.0527	4.3749	1.2026	316.0	9.0
1574	922.9	1.5	5.9	6.0	6.3	94.	6.0527	4.2401	1.1940	312.0	9.5
1578	915.1	1.5	6.3	6.5	6.3	94.	6.0527	4.1101	1.1858	312.0	9.5
1582	907.4	1.5	6.7	6.9	6.3	94.	6.0527	3.9849	1.1770	312.0	9.5
1586	899.7	1.5	7.1	7.3	6.3	94.	6.0527	3.8649	1.1677	312.0	9.5
1590	892.0	1.5	7.5	7.7	6.3	94.	6.0527	3.7499	1.1579	312.0	9.5
1594	884.3	1.5	7.9	8.1	6.3	94.	6.0527	3.6399	1.1477	312.0	9.5
1598	876.6	1.5	8.3	8.5	6.3	94.	6.0527	3.5349	1.1371	312.0	9.5
1602	868.9	1.5	8.7	8.9	6.3	94.	6.0527	3.4349	1.1261	312.0	9.5
1606	861.2	1.5	9.1	9.3	6.3	94.	6.0527	3.3399	1.1147	312.0	9.5
1610	853.5	1.5	9.5	9.7	6.3	94.	6.0527	3.2499	1.1029	312.0	9.5
1614	845.8	1.5	9.9	10.1	6.3	94.	6.0527	3.1649	1.0907	312.0	9.5
1618	838.1	1.5	10.3	10.5	6.3	94.	6.0527	3.0849	1.0781	312.0	9.5
1622	830.4	1.5	10.7	10.9	6.3	94.	6.0527	3.0099	1.0651	312.0	9.5
1626	822.7	1.5	11.1	11.3	6.3	94.	6.0527	2.9399	1.0517	312.0	9.5
1630	815.0	1.5	11.5	11.7	6.3	94.	6.0527	2.8749	1.0379	312.0	9.5
1634	807.3	1.5	11.9	12.1	6.3	94.	6.0527	2.8149	1.0237	312.0	9.5
1638	800.0	1.5	12.3	12.5	6.3	94.	6.0527	2.7599	1.0091	312.0	9.5
1642	792.3	1.5	12.7	12.9	6.3	94.	6.0527	2.7099	9.941	312.0	9.5
1646	784.6	1.5	13.1	13.3	6.3	94.	6.0527	2.6649	9.861	312.0	9.5
1650	776.9	1.5	13.5	13.7	6.3	94.	6.0527	2.6249	9.777	312.0	9.5
1654	769.2	1.5	13.9	14.1	6.3	94.	6.0527	2.5899	9.693	312.0	9.5
1658	761.5	1.5	14.3	14.5	6.3	94.	6.0527	2.5599	9.609	312.0	9.5
1662	753.8	1.5	14.7	14.9	6.3	94.	6.0527	2.5349	9.525	312.0	9.5
1666	746.1	1.5	15.1	15.3	6.3	94.	6.0527	2.5149	9.441	312.0	9.5
1670	738.4	1.5	15.5	15.7	6.3	94.	6.0527	2.4999	9.357	312.0	9.5
1674	730.7	1.5	15.9	16.1	6.3	94.	6.0527	2.4849	9.273	312.0	9.5
1678	723.0	1.5	16.3	16.5	6.3	94.	6.0527	2.4749	9.189	312.0	9.5
1682	715.3	1.5	16.7	16.9	6.3	94.	6.0527	2.4699	9.105	312.0	9.5
1686	707.6	1.5	17.1	17.3	6.3	94.	6.0527	2.4649	9.021	312.0	9.5
1690	700.0	1.5	17.5	17.7	6.3	94.	6.0527	2.4649	8.937	312.0	9.5
1694	692.3	1.5	17.9	18.1	6.3	94.	6.0527	2.4649	8.853	312.0	9.5
1698	684.6	1.5	18.3	18.5	6.3	94.	6.0527	2.4649	8.769	312.0	9.5
1702	676.9	1.5	18.7	18.9	6.3	94.	6.0527	2.4649	8.685	312.0	9.5
1706	669.2	1.5	19.1	19.3	6.3	94.	6.0527	2.4649	8.601	312.0	9.5
1710	661.5	1.5	19.5	19.7	6.3	94.	6.0527	2.4649	8.517	312.0	9.5
1714	653.8	1.5	19.9	20.1	6.3	94.	6.0527	2.4649	8.433	312.0	9.5
1718	646.1	1.5	20.3	20.5	6.3	94.	6.0527	2.4649	8.349	312.0	9.5
1722	638.4	1.5	20.7	20.9	6.3	94.	6.0527	2.4649	8.265	312.0	9.5
1726	630.7	1.5	21.1	21.3	6.3	94.	6.0527	2.4649	8.181	312.0	9.5
1730	623.0	1.5	21.5	21.7	6.3	94.	6.0527	2.4649	8.097	312.0	9.5
1734	615.3	1.5	21.9	22.1	6.3	94.	6.0527	2.4649	8.013	312.0	9.5
1738	607.6	1.5	22.3	22.5	6.3	94.	6.0527	2.4649	7.929	312.0	9.5
1742	600.0	1.5	22.7	22.9	6.3	94.	6.0527	2.4649	7.845	312.0	9.5
1746	592.3	1.5	23.1	23.3	6.3	94.	6.0527	2.4649	7.761	312.0	9.5
1750	584.6	1.5	23.5	23.7	6.3	94.	6.0527	2.4649	7.677	312.0	9.5
1754	576.9	1.5	23.9	24.1	6.3	94.	6.0527	2.4649	7.593	312.0	9.5
1758	569.2	1.5	24.3	24.5	6.3	94.	6.0527	2.4649	7.509	312.0	9.5
1762	561.5	1.5	24.7	24.9	6.3	94.	6.0527	2.4649	7.425	312.0	9.5
1766	553.8	1.5	25.1	25.3	6.3	94.	6.0527	2.4649	7.341	312.0	9.5
1770	546.1	1.5	25.5	25.7	6.3	94.	6.0527	2.4649	7.257	312.0	9.5
1774	538.4	1.5	25.9	26.1	6.3	94.	6.0527	2.4649	7.173	312.0	9.5
1778	530.7	1.5	26.3	26.5	6.3	94.	6.0527	2.4649	7.089	312.0	9.5
1782	523.0	1.5	26.7	26.9	6.3	94.	6.0527	2.4649	7.005	312.0	9.5
1786	515.3	1.5	27.1	27.3	6.3	94.	6.0527	2.4649	6.921	312.0	9.5
1790	507.6	1.5	27.5	27.7	6.3	94.	6.0527	2.4649	6.837	312.0	9.5
1794	500.0	1.5	27.9	28.1	6.3	94.	6.0527	2.4649	6.753	312.0	9.5
1798	492.3	1.5	28.3	28.5	6.3	94.	6.0527	2.4649	6.669	312.0	9.5
1802	484.6	1.5	28.7	28.9	6.3	94.	6.0527	2.4649	6.585	312.0	9.5
1806	476.9	1.5	29.1	29.3	6.3	94.	6.0527	2.4649	6.501	312.0	9.5
1810	469.2	1.5	29.5	29.7	6.3	94.	6.0527	2.4649	6.417	312.0	9.5
1814	461.5	1.5	29.9	30.1	6.3	94.	6.0527	2.4649	6.333	312.0	9.5
1818	453.8	1.5	30.3	30.5	6.3	94.	6.0527	2.4649	6.249	312.0	9.5
1822	446.1	1.5	30.7	30.9	6.3	94.	6.0527	2.4649	6.165	312.0	9.5
1826	438.4	1.5	31.1	31.3	6.3	94.	6.0527	2.4649	6.081	312.0	9.5
1830	430.7	1.5	31.5	31.7	6.3	94.	6.0527	2.4649	5.997	312.0	9.5
1834	423.0	1.5	31.9	32.1	6.3	94.	6.0527	2.4649	5.913	312.0	9.5
1838	415.3	1.5	32.3	32.5	6.3	94.	6.0527	2.4649	5.829	312.0	9.5
1842	407.6	1.5	32.7	32.9	6.3	94.	6.0527	2.4649	5.745	312.0	9.5
1846	400.0	1.5	33.1	33.3	6.3	94.	6.0527	2.4649	5.661	312.0	9.5
1850	392.3	1.5	33.5	33.7	6.3	94.	6.0527	2.4649	5.577	312.0	9.5
1854	384.6	1.5	33.9	34.1	6.3	94.	6.0527	2.4649	5.493	312.0	9.5
1858	376.9	1.5	34.3	34.5	6.3	94.	6.0527	2.4649	5.409	312.0	9.5
1862	369.2	1.5	34.7	34.9	6.3	94.	6.0527	2.4649	5.325	312.0	9.5
1866	361.5	1.5	35.1	35.3	6.3	94.	6.0527	2.4649	5.241	312.0	9.5
1870	353.8	1.5	35.5	35.7	6.3	94.	6.0527	2.4649	5.157	312.0	9.5
1874	346.1	1.5	35.9	36.1	6.3	94.	6.0527	2.4649	5.073	312.0	9.5
1878	338.4	1.5	36.3	36.5	6.3	94.	6.0527	2.4649	4.989	312.0	9.5
1882	330.7	1.5	36.7	36.9	6.3	94.	6.0527	2.4649	4.905	312.0	9.5
1886	323.0	1.5	37.1	37.3	6.3	94.	6.0527	2.4649	4.821	312.0	9.5
1890	315.3	1.5	37.5	37.7	6.3	94.	6.0527	2.4649	4.737	312.0	9.5
1894	307.6	1.5	37.9	38.1	6.3	94.	6.0527	2.4649	4.653	312.0	9.5
1898	300.0	1.5	38.3	38.5	6.3	94.	6.0527	2.4649	4.569	312.0	9.5
1902	292.3	1.5	38.7	38.9	6.3	94.	6.0527	2.4649	4.485	312.0	9.5
1906	284.6	1.5	39.1	39.3	6.3	94.	6.0527	2.4649	4.401	312.0	9.5
1910	276.9	1.5	39.5	39.7	6.3	94.	6.0527	2.4649	4.317	312.0	9.5
1914	269.2	1.5	39.9	40.1	6.3	94.	6.0527	2.4649	4.233	312.0	9.5
1918	261.5	1.5	40.3	40.5	6.3	94.	6.0527	2.4649	4.149	312.0	9.5
1922	253.8	1.5	40.7	40.9	6.3	94.	6.0527	2.4649	4.065	312.0	9.5
1926	246.1	1.5	41.1	41.3	6.3	94.	6.0527	2.4649	3.981	312.0	9.5
1930	238.4	1.5	41.5	41.7	6.3	94.	6.0527	2.4649	3.897	312.0	9.5
1934	230.7	1.5	41.9	42.1	6.3	94.	6.0527	2.4649	3.813	312.0	9.5
1938	223.0	1.5	42.3	42.5	6.3	94.	6.0527	2.4649	3.729	312.0	9.5
1942	215.3	1.5	42.7	42.9	6.3	94.	6.0527	2.4649	3.645	312.0	9.5
1946	207.6	1.5	43.1	43.3	6.3	94.	6.0527	2.4649	3.561	312.0	9.5
1950	200.0	1.5	43.5	43.7	6.3	94.	6.0527	2.4649	3.477	312.0	9.5
1954	192.3	1.5	43.9	44.1	6.3	94.	6.0527	2.4649	3.393	312.0	9.5
1958	184.6	1.5	44.3	44.5	6.3	94.	6.0527	2.4649	3.309	312.0	9.5
1962	176.9	1.5									

HEIGHT (FT)	PRES (MM)	T (C)	THETA (C)	THETA V (C)	PER POINT (C)	REL HUM (%)	E (MM)	1E+2 * RH0 V (G/M+2)	RH0 (KG/M+2)	DIF (DEG)	SPEED (FT/S)
627.7	920.6	-1.4	6.1	6.4	-1.5	0.1	5.4	4.3155	1.1809	311.0	9.4
628.9	918.4	-1.3	6.7	6.4	-1.7	0.1	5.2	4.2155	1.1721	311.0	9.4
728.9	861.1	-0.6	7.3	7.7	-2.2	0.1	5.5	4.0737	1.1635	311.0	9.4
828.9	804.1	-0.1	7.8	8.4	-2.7	0.1	5.8	3.9319	1.1547	311.0	9.4
928.9	747.4	0.4	8.3	9.1	-3.2	0.1	6.1	3.7901	1.1459	311.0	9.4
1028.9	690.4	0.9	8.8	9.7	-3.7	0.1	6.4	3.6483	1.1371	311.0	9.4
1128.9	633.4	1.4	9.3	10.2	-4.2	0.1	6.7	3.5065	1.1283	311.0	9.4
1228.9	576.4	1.9	9.8	10.7	-4.7	0.1	7.0	3.3647	1.1195	311.0	9.4
1328.9	519.4	2.4	10.3	11.2	-5.2	0.1	7.3	3.2229	1.1107	311.0	9.4
1428.9	462.4	2.9	10.8	11.7	-5.7	0.1	7.6	3.0811	1.1019	311.0	9.4
1528.9	405.4	3.4	11.3	12.2	-6.2	0.1	7.9	2.9393	1.0931	311.0	9.4
1628.9	348.4	3.9	11.8	12.7	-6.7	0.1	8.2	2.7975	1.0843	311.0	9.4
1728.9	291.4	4.4	12.3	13.2	-7.2	0.1	8.5	2.6557	1.0755	311.0	9.4
1828.9	234.4	4.9	12.8	13.7	-7.7	0.1	8.8	2.5139	1.0667	311.0	9.4
1928.9	177.4	5.4	13.3	14.2	-8.2	0.1	9.1	2.3721	1.0579	311.0	9.4
2028.9	120.4	5.9	13.8	14.7	-8.7	0.1	9.4	2.2303	1.0491	311.0	9.4
2128.9	63.4	6.4	14.3	15.2	-9.2	0.1	9.7	2.0885	1.0403	311.0	9.4
2228.9	6.4	6.9	14.8	15.7	-9.7	0.1	10.0	1.9467	1.0315	311.0	9.4
2328.9	-51.4	7.4	15.3	16.2	-10.2	0.1	10.3	1.8049	1.0227	311.0	9.4
2428.9	-108.4	7.9	15.8	16.7	-10.7	0.1	10.6	1.6631	1.0139	311.0	9.4
2528.9	-165.4	8.4	16.3	17.2	-11.2	0.1	10.9	1.5213	1.0051	311.0	9.4
2628.9	-222.4	8.9	16.8	17.7	-11.7	0.1	11.2	1.3795	0.9963	311.0	9.4
2728.9	-279.4	9.4	17.3	18.2	-12.2	0.1	11.5	1.2377	0.9875	311.0	9.4
2828.9	-336.4	9.9	17.8	18.7	-12.7	0.1	11.8	1.0959	0.9787	311.0	9.4
2928.9	-393.4	10.4	18.3	19.2	-13.2	0.1	12.1	0.9541	0.9699	311.0	9.4
3028.9	-450.4	10.9	18.8	19.7	-13.7	0.1	12.4	0.8123	0.9611	311.0	9.4
3128.9	-507.4	11.4	19.3	20.2	-14.2	0.1	12.7	0.6705	0.9523	311.0	9.4
3228.9	-564.4	11.9	19.8	20.7	-14.7	0.1	13.0	0.5287	0.9435	311.0	9.4
3328.9	-621.4	12.4	20.3	21.2	-15.2	0.1	13.3	0.3869	0.9347	311.0	9.4
3428.9	-678.4	12.9	20.8	21.7	-15.7	0.1	13.6	0.2451	0.9259	311.0	9.4
3528.9	-735.4	13.4	21.3	22.2	-16.2	0.1	13.9	0.1033	0.9171	311.0	9.4
3628.9	-792.4	13.9	21.8	22.7	-16.7	0.1	14.2	-0.0385	0.9083	311.0	9.4
3728.9	-849.4	14.4	22.3	23.2	-17.2	0.1	14.5	-0.1803	0.8995	311.0	9.4
3828.9	-906.4	14.9	22.8	23.7	-17.7	0.1	14.8	-0.3221	0.8907	311.0	9.4
3928.9	-963.4	15.4	23.3	24.2	-18.2	0.1	15.1	-0.4639	0.8819	311.0	9.4
4028.9	-1020.4	15.9	23.8	24.7	-18.7	0.1	15.4	-0.6057	0.8731	311.0	9.4
4128.9	-1077.4	16.4	24.3	25.2	-19.2	0.1	15.7	-0.7475	0.8643	311.0	9.4
4228.9	-1134.4	16.9	24.8	25.7	-19.7	0.1	16.0	-0.8893	0.8555	311.0	9.4
4328.9	-1191.4	17.4	25.3	26.2	-20.2	0.1	16.3	-1.0311	0.8467	311.0	9.4
4428.9	-1248.4	17.9	25.8	26.7	-20.7	0.1	16.6	-1.1729	0.8379	311.0	9.4
4528.9	-1305.4	18.4	26.3	27.2	-21.2	0.1	16.9	-1.3147	0.8291	311.0	9.4
4628.9	-1362.4	18.9	26.8	27.7	-21.7	0.1	17.2	-1.4565	0.8203	311.0	9.4
4728.9	-1419.4	19.4	27.3	28.2	-22.2	0.1	17.5	-1.5983	0.8115	311.0	9.4
4828.9	-1476.4	19.9	27.8	28.7	-22.7	0.1	17.8	-1.7401	0.8027	311.0	9.4
4928.9	-1533.4	20.4	28.3	29.2	-23.2	0.1	18.1	-1.8819	0.7939	311.0	9.4
5028.9	-1590.4	20.9	28.8	29.7	-23.7	0.1	18.4	-2.0237	0.7851	311.0	9.4
5128.9	-1647.4	21.4	29.3	30.2	-24.2	0.1	18.7	-2.1655	0.7763	311.0	9.4
5228.9	-1704.4	21.9	29.8	30.7	-24.7	0.1	19.0	-2.3073	0.7675	311.0	9.4
5328.9	-1761.4	22.4	30.3	31.2	-25.2	0.1	19.3	-2.4491	0.7587	311.0	9.4
5428.9	-1818.4	22.9	30.8	31.7	-25.7	0.1	19.6	-2.5909	0.7499	311.0	9.4
5528.9	-1875.4	23.4	31.3	32.2	-26.2	0.1	19.9	-2.7327	0.7411	311.0	9.4
5628.9	-1932.4	23.9	31.8	32.7	-26.7	0.1	20.2	-2.8745	0.7323	311.0	9.4
5728.9	-1989.4	24.4	32.3	33.2	-27.2	0.1	20.5	-3.0163	0.7235	311.0	9.4
5828.9	-2046.4	24.9	32.8	33.7	-27.7	0.1	20.8	-3.1581	0.7147	311.0	9.4
5928.9	-2103.4	25.4	33.3	34.2	-28.2	0.1	21.1	-3.3000	0.7059	311.0	9.4
6028.9	-2160.4	25.9	33.8	34.7	-28.7	0.1	21.4	-3.4418	0.6971	311.0	9.4
6128.9	-2217.4	26.4	34.3	35.2	-29.2	0.1	21.7	-3.5836	0.6883	311.0	9.4
6228.9	-2274.4	26.9	34.8	35.7	-29.7	0.1	22.0	-3.7254	0.6795	311.0	9.4
6328.9	-2331.4	27.4	35.3	36.2	-30.2	0.1	22.3	-3.8672	0.6707	311.0	9.4
6428.9	-2388.4	27.9	35.8	36.7	-30.7	0.1	22.6	-4.0090	0.6619	311.0	9.4
6528.9	-2445.4	28.4	36.3	37.2	-31.2	0.1	22.9	-4.1508	0.6531	311.0	9.4
6628.9	-2502.4	28.9	36.8	37.7	-31.7	0.1	23.2	-4.2926	0.6443	311.0	9.4
6728.9	-2559.4	29.4	37.3	38.2	-32.2	0.1	23.5	-4.4344	0.6355	311.0	9.4
6828.9	-2616.4	29.9	37.8	38.7	-32.7	0.1	23.8	-4.5762	0.6267	311.0	9.4
6928.9	-2673.4	30.4	38.3	39.2	-33.2	0.1	24.1	-4.7180	0.6179	311.0	9.4
7028.9	-2730.4	30.9	38.8	39.7	-33.7	0.1	24.4	-4.8598	0.6091	311.0	9.4

HEIGHT (M)	PRES (MM)	T (C)	THETA (C)	THETA (C)	REF POINT (C)	REF HUM (%)	E (MM)	1E+3+RH0W (G/M+3)	RHO (G/M+3)	DIR (DEG)	SPEED (M/S)
7094.	362.7	-44.3	27.9	27.9	-67.2	5.	0.0039	0.0041	0.5826	284.0	26.2
7157.	379.1	-44.3	28.7	28.7	-67.5	5.	0.0038	0.0040	0.5777	284.0	26.1
7227.	375.2	-45.1	28.7	28.7	-67.6	5.	0.0036	0.0038	0.5729	284.0	26.5
7293.	371.5	-45.5	28.9	28.9	-69.7	4.	0.0027	0.0029	0.5685	283.0	26.5
7359.	367.8	-45.9	29.2	29.2	-70.0	4.	0.0026	0.0028	0.5638	283.0	26.5
7424.	364.2	-46.1	29.6	29.6	-70.4	4.	0.0025	0.0026	0.5593	283.0	26.4
7487.	360.8	-46.7	29.8	29.8	-70.7	4.	0.0024	0.0025	0.5550	283.0	26.2
7547.	357.5	-47.3	29.8	29.8	-71.2	4.	0.0022	0.0024	0.5514	284.0	26.7
7610.	354.1	-47.7	29.9	29.9	-71.6	4.	0.0020	0.0022	0.5476	284.0	26.9
7676.	350.6	-48.6	29.9	29.9	-74.0	4.	0.0014	0.0015	0.5437	284.0	26.9
7738.	347.3	-49.1	30.0	30.0	-74.4	3.	0.0013	0.0015	0.5398	284.0	26.7
7802.	343.5	-49.5	30.0	30.0	-72.9	4.	0.0017	0.0018	0.5357	285.0	26.9
7861.	340.3	-49.9	30.0	30.0	-73.2	4.	0.0016	0.0017	0.5318	285.0	26.7
7925.	337.7	-50.1	30.0	30.0	-73.6	3.	0.0015	0.0016	0.5278	285.0	26.7
7967.	334.3	-50.3	30.0	30.0	-75.8	3.	0.0011	0.0012	0.5238	285.0	27.1
8053.	330.9	-51.3	31.1	31.1	-76.2	3.	0.0010	0.0011	0.5196	286.0	27.1
8118.	327.6	-52.0	31.0	31.0	-76.7	3.	0.0009	0.0010	0.5160	286.0	27.2
8179.	324.5	-52.6	31.0	31.0	-77.2	3.	0.0009	0.0009	0.5126	286.0	27.8
8241.	321.4	-53.2	31.4	31.4	-77.5	3.	0.0006	0.0009	0.5083	286.0	27.1
8298.	318.6	-53.3	31.9	31.9	-77.6	3.	0.0006	0.0009	0.5044	286.0	27.6
8354.	315.8	-53.3	32.6	32.6	-75.9	4.	0.0011	0.0012	0.5002	285.0	27.9
8409.	313.1	-53.3	33.2	33.2	-76.0	4.	0.0010	0.0011	0.4961	285.0	27.6
8465.	310.4	-53.4	33.8	33.8	-76.1	4.	0.0010	0.0011	0.4921	285.0	31.2
8517.	307.9	-53.4	34.4	34.4	-76.1	4.	0.0010	0.0011	0.4881	284.0	31.9
8572.	305.5	-53.4	35.0	35.0	-76.1	4.	0.0011	0.0011	0.4840	284.0	32.7
8631.	302.9	-53.6	35.5	35.5	-78.0	3.	0.0008	0.0008	0.4800	284.0	32.5
8697.	299.6	-53.9	36.0	36.0	-80.6	3.	0.0005	0.0005	0.4758	284.0	33.5
8755.	296.1	-54.1	36.5	36.5	-80.6	3.	0.0005	0.0005	0.4718	284.0	33.8
8811.	294.1	-54.3	38.1	38.1	-81.1	1.	0.0002	0.0003	0.4677	284.0	34.0
8877.	291.4	-54.3	38.6	38.6	-81.2	1.	0.0002	0.0003	0.4638	284.0	34.2
8925.	288.9	-54.5	39.1	39.1	-81.4	1.	0.0002	0.0003	0.4603	284.0	34.5
8981.	286.4	-54.7	39.5	39.5	-81.5	1.	0.0002	0.0003	0.4567	284.0	34.7
9035.	284.0	-55.0	39.9	39.9	-81.5	1.	0.0002	0.0002	0.4533	284.0	34.9
9089.	281.6	-55.2	40.3	40.3	-81.8	1.	0.0002	0.0002	0.4501	285.0	35.1
9141.	279.3	-55.4	40.8	40.8	-81.9	1.	0.0002	0.0002	0.4468	285.0	35.3
9194.	277.7	-55.6	41.5	41.5	-81.9	1.	0.0002	0.0002	0.4436	285.0	35.5
9247.	274.7	-55.8	42.7	42.7	-81.9	1.	0.0002	0.0002	0.4395	285.0	35.7
9302.	272.3	-55.8	43.4	43.4	-81.9	1.	0.0002	0.0002	0.4354	285.0	35.9
9356.	269.9	-55.8	44.0	44.0	-81.9	1.	0.0002	0.0002	0.4316	285.0	36.1
9413.	267.7	-55.8	44.5	44.5	-81.9	1.	0.0002	0.0002	0.4285	285.0	36.3
9468.	265.5	-55.8	45.1	45.1	-81.9	1.	0.0002	0.0002	0.4250	285.0	36.5
9521.	263.3	-55.8	45.7	45.7	-81.9	1.	0.0002	0.0002	0.4217	285.0	36.7
9574.	261.0	-55.8	46.3	46.3	-81.9	1.	0.0002	0.0002	0.4184	285.0	36.9
9631.	258.8	-55.8	46.9	46.9	-81.9	1.	0.0002	0.0002	0.4147	285.0	37.1
9682.	256.6	-55.8	47.5	47.5	-81.9	1.	0.0002	0.0002	0.4113	285.0	37.3
9737.	254.4	-55.8	48.1	48.1	-81.9	1.	0.0002	0.0002	0.4078	285.0	37.5
9795.	252.2	-55.8	48.6	48.6	-81.9	1.	0.0002	0.0002	0.4046	285.0	37.7
9850.	249.9	-55.8	49.1	49.1	-81.9	1.	0.0002	0.0002	0.4013	285.0	37.9
9908.	247.5	-55.8	49.6	49.6	-81.9	1.	0.0002	0.0002	0.3978	285.0	38.1
9963.	245.1	-55.8	50.1	50.1	-81.9	1.	0.0002	0.0002	0.3944	285.0	38.3
10018.	242.7	-55.8	50.6	50.6	-81.9	1.	0.0002	0.0002	0.3914	285.0	38.5
10077.	240.3	-55.8	51.1	51.1	-81.9	1.	0.0002	0.0002	0.3885	285.0	38.7
10132.	237.9	-55.8	51.6	51.6	-81.9	1.	0.0002	0.0002	0.3855	285.0	38.9
10191.	235.5	-55.8	52.1	52.1	-81.9	1.	0.0002	0.0002	0.3823	285.0	39.1
10252.	233.1	-55.8	52.6	52.6	-81.9	1.	0.0002	0.0002	0.3794	285.0	39.3
10317.	230.7	-55.8	53.1	53.1	-81.9	1.	0.0002	0.0002	0.3767	285.0	39.5
10384.	228.3	-55.8	53.6	53.6	-81.9	1.	0.0002	0.0002	0.3741	285.0	39.7
10457.	225.9	-55.8	54.1	54.1	-81.9	1.	0.0002	0.0002	0.3714	285.0	39.9
10537.	223.5	-55.8	54.6	54.6	-81.9	1.	0.0002	0.0002	0.3685	285.0	40.1
10624.	221.1	-55.8	55.1	55.1	-81.9	1.	0.0002	0.0002	0.3654	285.0	40.3
10719.	218.7	-55.8	55.6	55.6	-81.9	1.	0.0002	0.0002	0.3623	285.0	40.5
10824.	216.3	-55.8	56.1	56.1	-81.9	1.	0.0002	0.0002	0.3594	285.0	40.7
10939.	213.9	-55.8	56.6	56.6	-81.9	1.	0.0002	0.0002	0.3565	285.0	40.9
11067.	211.5	-55.8	57.1	57.1	-81.9	1.	0.0002	0.0002	0.3536	285.0	41.1
11209.	209.1	-55.8	57.6	57.6	-81.9	1.	0.0002	0.0002	0.3507	285.0	41.3
11369.	206.7	-55.8	58.1	58.1	-81.9	1.	0.0002	0.0002	0.3477	285.0	41.5
11549.	204.3	-55.8	58.6	58.6	-81.9	1.	0.0002	0.0002	0.3449	285.0	41.7
11751.	201.9	-55.8	59.1	59.1	-81.9	1.	0.0002	0.0002	0.3425	285.0	41.9
12009.	199.5	-55.8	59.6	59.6	-81.9	1.	0.0002	0.0002	0.3405	285.0	42.1
12339.	197.1	-55.8	60.1	60.1	-81.9	1.	0.0002	0.0002	0.3379	285.0	42.3
12759.	194.7	-55.8	60.6	60.6	-81.9	1.	0.0002	0.0002	0.3355	285.0	42.5
13289.	192.3	-55.8	61.1	61.1	-81.9	1.	0.0002	0.0002	0.3326	285.0	42.7
13959.	189.9	-55.8	61.6	61.6	-81.9	1.	0.0002	0.0002	0.3293	285.0	42.9
14799.	187.5	-55.8	62.1	62.1	-81.9	1.	0.0002	0.0002	0.3264	285.0	43.1
15849.	185.1	-55.8	62.6	62.6	-81.9	1.	0.0002	0.0002	0.3237	285.0	43.3
17149.	182.7	-55.8	63.1	63.1	-81.9	1.	0.0002	0.0002	0.3213	285.0	43.5
18749.	180.3	-55.8	63.6	63.6	-81.9	1.	0.0002	0.0002	0.3190	285.0	43.7
20749.	177.9	-55.8	64.1	64.1	-81.9	1.	0.0002	0.0002	0.3167	285.0	43.9
23249.	175.5	-55.8	64.6	64.6	-81.9	1.	0.0002	0.0002	0.3144	285.0	44.1
26349.	173.1	-55.8	65.1	65.1	-81.9	1.	0.0002	0.0002	0.3123	285.0	44.3
30149.	170.7	-55.8	65.6	65.6	-81.9	1.	0.0002	0.0002	0.3100	285.0	44.5
34749.	168.3	-55.8	66.1	66.1	-81.9	1.	0.0002	0.0002	0.3074	285.0	44.7
40249.	165.9	-55.8	66.6	66.6	-81.9	1.	0.0002	0.0002	0.3049	285.0	44.9
46749.	163.5	-55.8	67.1	67.1	-81.9	1.	0.0002	0.0002	0.3026	285.0	45.1
54249.	161.1	-55.8	67.6	67.6	-81.9	1.	0.0002	0.0002	0.3005	285.0	45.3
62749.	158.7	-55.8	68.1	68.1	-81.9	1.	0.0002	0.0002	0.2982	285.0	45.5
72249.	156.3	-55.8	68.6	68.6	-81.9	1.	0.0002	0.0002	0.2961	285.0	45.7
82749.	153.9	-55.8	69.1	69.1	-81.9	1.	0.0002	0.0002	0.2938	285.0	45.9
94249.	151.5	-55.8	69.6	69.6	-81.9	1.	0.0002	0.0002	0.2913	285.0	46.1
106749.	149.1	-55.8	70.1	70.1	-81.9	1.	0.0002	0.0002	0.2894	285.0	46.3
120249.	146.7	-55.8	70.6	70.6	-81.9	1.	0.0002	0.0002	0.2871	285.0	46.5
134749.	144.3	-55.8	71.1	71.1	-81.9	1.	0.0002	0.0002	0.2848	285.0	46.7
150249.	141.9	-55.8	71.6	71.6	-81.9	1.	0.0002	0.0002	0.2828	285.0	46.9
166749.	139.5	-55.8	72.1	72.1	-81.9	1.	0.0002	0.0002	0.2807	285.0	47.1
184249.	137.1	-55.8	72.6	72.6	-81.9	1.	0.0002	0.0002	0.2784	285.0	47.3
202749.	134.7	-55.8	73.1	73.1	-81.9	1.	0.0002	0.0002	0.2760	285.0	47.5
222249.	132.3	-55.8	73.6	73.6	-81.9	1.	0.0002	0.0002	0.2735	285.0	47.7
242749.	129.9	-55.8	74.1	74.1	-81.9	1.	0.0002	0.0002	0.2714	285.0	47.9
264249.	127.5	-55.8	74.6	74.6	-81.9	1.	0.0002	0.0002	0.2689	285.0	48.1
286749.	125.1	-55.8	75.1	75.1	-81.9	1.	0.0002	0.0002	0.2665	285.0	48.3
310249.	122.7	-55.8	75.6	75.6	-81.9	1.	0.0002	0.0002	0.2643	285.0	48.5
334749.	120.3	-55.8	76.1	76.1	-81.9	1.	0.0002	0.0002	0.2619	285.0	48.7
360249.	117.9	-55.8	76.6	76.6	-81.9	1.	0.0002	0.0002	0.2595	285.0	

HEIGHT (M)	PRES (MP)	T (C)	THETA (C)	THETA V (C)	BLK POINT (C)	RFL HUM (1)	E (M4)	1E+3*RHOW (G/M+3)	RHO (G/M+3)	DIF (DEG)	SEED (P/5)
13090.	149.1	-60.4	93.2	93.2	-89.6	1.	0.0001	0.0001	0.2441	281.0	34.9
13145.	147.8	-60.4	94.2	94.2	-89.6	1.	0.0001	0.0001	0.2423	282.0	35.1
13204.	146.4	-60.5	95.0	95.0	-89.7	1.	0.0001	0.0001	0.2398	282.0	35.2
13255.	145.2	-60.5	95.8	95.8	-89.7	1.	0.0001	0.0001	0.2379	283.0	35.4
13311.	143.9	-60.5	96.8	96.8	-89.7	1.	0.0001	0.0001	0.2357	284.0	35.5
13363.	142.7	-60.5	97.7	97.7	-89.7	1.	0.0001	0.0001	0.2334	284.0	35.6
13415.	141.5	-60.5	98.6	98.6	-89.7	1.	0.0001	0.0001	0.2318	285.0	35.7
13468.	140.3	-60.5	99.5	99.5	-89.7	1.	0.0001	0.0001	0.2298	285.0	35.8
13517.	139.2	-60.6	100.3	100.3	-89.7	1.	0.0001	0.0001	0.2280	286.0	35.9
13567.	138.1	-60.6	101.0	101.0	-89.8	1.	0.0001	0.0001	0.2263	286.0	36.0
13616.	137.0	-60.6	101.7	101.7	-89.8	1.	0.0001	0.0001	0.2246	287.0	36.1
13666.	135.9	-60.6	102.4	102.4	-89.8	1.	0.0001	0.0001	0.2229	287.0	36.2
13717.	134.8	-60.6	103.1	103.1	-89.8	1.	0.0001	0.0001	0.2209	287.0	36.3
13768.	133.7	-60.6	103.8	103.8	-89.8	1.	0.0001	0.0001	0.2188	287.0	36.4
13814.	132.7	-60.6	104.5	104.5	-89.8	1.	0.0001	0.0001	0.2171	287.0	36.5
13866.	131.6	-60.6	105.2	105.2	-89.8	1.	0.0001	0.0001	0.2154	287.0	36.6
13914.	130.6	-60.6	105.9	105.9	-89.8	1.	0.0001	0.0001	0.2138	287.0	36.7
13966.	129.5	-60.6	106.6	106.6	-89.8	1.	0.0001	0.0001	0.2119	287.0	36.8
14015.	128.5	-60.6	107.3	107.3	-89.8	1.	0.0001	0.0001	0.2102	287.0	36.9
14068.	127.4	-60.6	108.0	108.0	-89.8	1.	0.0001	0.0001	0.2082	287.0	37.0
14122.	126.3	-60.6	108.7	108.7	-89.8	1.	0.0001	0.0001	0.2061	287.0	37.1
14177.	125.2	-60.6	109.4	109.4	-89.8	1.	0.0001	0.0001	0.2042	287.0	37.2
14232.	124.1	-60.6	110.1	110.1	-89.8	1.	0.0001	0.0001	0.2023	287.0	37.3
14285.	122.9	-60.6	110.8	110.8	-89.8	1.	0.0001	0.0001	0.2004	287.0	37.4
14334.	121.7	-60.6	111.5	111.5	-89.8	1.	0.0001	0.0001	0.1985	287.0	37.5
14381.	120.6	-60.6	112.2	112.2	-89.8	1.	0.0001	0.0001	0.1965	287.0	37.6
14428.	119.5	-60.6	112.9	112.9	-89.8	1.	0.0001	0.0001	0.1946	287.0	37.7
14475.	118.4	-60.6	113.6	113.6	-89.8	1.	0.0001	0.0001	0.1927	287.0	37.8
14522.	117.3	-60.6	114.3	114.3	-89.8	1.	0.0001	0.0001	0.1908	287.0	37.9
14569.	116.2	-60.6	115.0	115.0	-89.8	1.	0.0001	0.0001	0.1889	287.0	38.0
14616.	115.1	-60.6	115.7	115.7	-89.8	1.	0.0001	0.0001	0.1870	287.0	38.1
14663.	114.0	-60.6	116.4	116.4	-89.8	1.	0.0001	0.0001	0.1851	287.0	38.2
14710.	112.9	-60.6	117.1	117.1	-89.8	1.	0.0001	0.0001	0.1832	287.0	38.3
14757.	111.8	-60.6	117.8	117.8	-89.8	1.	0.0001	0.0001	0.1813	287.0	38.4
14804.	110.7	-60.6	118.5	118.5	-89.8	1.	0.0001	0.0001	0.1794	287.0	38.5
14851.	109.6	-60.6	119.2	119.2	-89.8	1.	0.0001	0.0001	0.1775	287.0	38.6
14898.	108.5	-60.6	119.9	119.9	-89.8	1.	0.0001	0.0001	0.1756	287.0	38.7
14945.	107.4	-60.6	120.6	120.6	-89.8	1.	0.0001	0.0001	0.1737	287.0	38.8
14992.	106.3	-60.6	121.3	121.3	-89.8	1.	0.0001	0.0001	0.1718	287.0	38.9
15039.	105.2	-60.6	122.0	122.0	-89.8	1.	0.0001	0.0001	0.1699	287.0	39.0
15086.	104.1	-60.6	122.7	122.7	-89.8	1.	0.0001	0.0001	0.1680	287.0	39.1
15133.	103.0	-60.6	123.4	123.4	-89.8	1.	0.0001	0.0001	0.1661	287.0	39.2
15180.	101.9	-60.6	124.1	124.1	-89.8	1.	0.0001	0.0001	0.1642	287.0	39.3
15227.	100.8	-60.6	124.8	124.8	-89.8	1.	0.0001	0.0001	0.1623	287.0	39.4
15274.	99.7	-60.6	125.5	125.5	-89.8	1.	0.0001	0.0001	0.1604	287.0	39.5
15321.	98.6	-60.6	126.2	126.2	-89.8	1.	0.0001	0.0001	0.1585	287.0	39.6
15368.	97.5	-60.6	126.9	126.9	-89.8	1.	0.0001	0.0001	0.1566	287.0	39.7
15415.	96.4	-60.6	127.6	127.6	-89.8	1.	0.0001	0.0001	0.1547	287.0	39.8
15462.	95.3	-60.6	128.3	128.3	-89.8	1.	0.0001	0.0001	0.1528	287.0	39.9
15509.	94.2	-60.6	129.0	129.0	-89.8	1.	0.0001	0.0001	0.1509	287.0	40.0
15556.	93.1	-60.6	129.7	129.7	-89.8	1.	0.0001	0.0001	0.1490	287.0	40.1
15603.	92.0	-60.6	130.4	130.4	-89.8	1.	0.0001	0.0001	0.1471	287.0	40.2
15650.	90.9	-60.6	131.1	131.1	-89.8	1.	0.0001	0.0001	0.1452	287.0	40.3
15697.	89.8	-60.6	131.8	131.8	-89.8	1.	0.0001	0.0001	0.1433	287.0	40.4
15744.	88.7	-60.6	132.5	132.5	-89.8	1.	0.0001	0.0001	0.1414	287.0	40.5
15791.	87.6	-60.6	133.2	133.2	-89.8	1.	0.0001	0.0001	0.1395	287.0	40.6
15838.	86.5	-60.6	133.9	133.9	-89.8	1.	0.0001	0.0001	0.1376	287.0	40.7
15885.	85.4	-60.6	134.6	134.6	-89.8	1.	0.0001	0.0001	0.1357	287.0	40.8
15932.	84.3	-60.6	135.3	135.3	-89.8	1.	0.0001	0.0001	0.1338	287.0	40.9
15979.	83.2	-60.6	136.0	136.0	-89.8	1.	0.0001	0.0001	0.1319	287.0	41.0
16026.	82.1	-60.6	136.7	136.7	-89.8	1.	0.0001	0.0001	0.1300	287.0	41.1
16073.	81.0	-60.6	137.4	137.4	-89.8	1.	0.0001	0.0001	0.1281	287.0	41.2
16120.	79.9	-60.6	138.1	138.1	-89.8	1.	0.0001	0.0001	0.1262	287.0	41.3
16167.	78.8	-60.6	138.8	138.8	-89.8	1.	0.0001	0.0001	0.1243	287.0	41.4
16214.	77.7	-60.6	139.5	139.5	-89.8	1.	0.0001	0.0001	0.1224	287.0	41.5
16261.	76.6	-60.6	140.2	140.2	-89.8	1.	0.0001	0.0001	0.1205	287.0	41.6
16308.	75.5	-60.6	140.9	140.9	-89.8	1.	0.0001	0.0001	0.1186	287.0	41.7
16355.	74.4	-60.6	141.6	141.6	-89.8	1.	0.0001	0.0001	0.1167	287.0	41.8
16402.	73.3	-60.6	142.3	142.3	-89.8	1.	0.0001	0.0001	0.1148	287.0	41.9
16449.	72.2	-60.6	143.0	143.0	-89.8	1.	0.0001	0.0001	0.1129	287.0	42.0
16496.	71.1	-60.6	143.7	143.7	-89.8	1.	0.0001	0.0001	0.1110	287.0	42.1
16543.	70.0	-60.6	144.4	144.4	-89.8	1.	0.0001	0.0001	0.1091	287.0	42.2
16590.	68.9	-60.6	145.1	145.1	-89.8	1.	0.0001	0.0001	0.1072	287.0	42.3
16637.	67.8	-60.6	145.8	145.8	-89.8	1.	0.0001	0.0001	0.1053	287.0	42.4
16684.	66.7	-60.6	146.5	146.5	-89.8	1.	0.0001	0.0001	0.1034	287.0	42.5
16731.	65.6	-60.6	147.2	147.2	-89.8	1.	0.0001	0.0001	0.1015	287.0	42.6
16778.	64.5	-60.6	147.9	147.9	-89.8	1.	0.0001	0.0001	0.0996	287.0	42.7
16825.	63.4	-60.6	148.6	148.6	-89.8	1.	0.0001	0.0001	0.0977	287.0	42.8
16872.	62.3	-60.6	149.3	149.3	-89.8	1.	0.0001	0.0001	0.0958	287.0	42.9
16919.	61.2	-60.6	150.0	150.0	-89.8	1.	0.0001	0.0001	0.0939	287.0	43.0
16966.	60.1	-60.6	150.7	150.7	-89.8	1.	0.0001	0.0001	0.0920	287.0	43.1
17013.	59.0	-60.6	151.4	151.4	-89.8	1.	0.0001	0.0001	0.0901	287.0	43.2
17060.	57.9	-60.6	152.1	152.1	-89.8	1.	0.0001	0.0001	0.0882	287.0	43.3
17107.	56.8	-60.6	152.8	152.8	-89.8	1.	0.0001	0.0001	0.0863	287.0	43.4
17154.	55.7	-60.6	153.5	153.5	-89.8	1.	0.0001	0.0001	0.0844	287.0	43.5
17201.	54.6	-60.6	154.2	154.2	-89.8	1.	0.0001	0.0001	0.0825	287.0	43.6
17248.	53.5	-60.6	154.9	154.9	-89.8	1.	0.0001	0.0001	0.0806	287.0	43.7
17295.	52.4	-60.6	155.6	155.6	-89.8	1.	0.0001	0.0001	0.0787	287.0	43.8
17342.	51.3	-60.6	156.3	156.3	-89.8	1.	0.0001	0.0001	0.0768	287.0	43.9
17389.	50.2	-60.6	157.0	157.0	-89.8	1.	0.0001	0.0001	0.0749	287.0	44.0
17436.	49.1	-60.6	157.7	157.7	-89.8	1.	0.0001	0.0001	0.0730	287.0	44.1
17483.	48.0	-60.6	158.4	158.4	-89.8	1.	0.0001	0.0001	0.0711	287.0	44.2
17530.	46.9	-60.6	159.1	159.1	-89.8	1.	0.0001	0.0001	0.0692	287.0	44.3
17577.	45.8	-60.6	159.8	159.8	-89.8	1.	0.0001	0.0001	0.0673	287.0	44.4
17624.	44.7	-60.6	160.5	160.5	-89.8	1.	0.0001	0.0001	0.0654	287.0	44.5
17671.	43.6	-60.6	161.2	161.2	-89.8	1.	0.0001	0.0001	0.0635	287.0	44.6
17718.	42.5	-60.6	161.9	161.9	-89.8	1.	0.0001	0.0001	0.0616	287.0	44.7
17765.	41.4	-60.6	162.6	162.6	-89.8	1.	0.0001	0.0001	0.0597	287.0	44.8
17812.	40.3	-60.6	163.3	163.3	-89.8	1.	0.0001	0.0001	0.0578	287.0	44.9
17859.	39.2	-60.6	164.0	164.0	-89.8	1.	0.0001	0.0001	0.0559	287.0	45.0
17906.	38.1	-60.6	164.7	164.7	-89.8	1.	0.0001	0.0001	0.0540	287.0	45.1
17953.	37.0	-60.6	165.4	165.4	-89.8						

HEIGHT (F)	PRESS (MM)	T (C)	THEAT (C)	THEATV (C)	REL POINT (C)	REL HUM (%)	F (MM)	1E+3 RHOD (G/CM ³)	RHO (G/CM ³)	DIR (DEG)	SEER (F/5)
242.2	722.4	-1.4	11.7	11.7	-11.5	98.	2.4447	0.9572	0.9703	311.0	18.8
243.2	722.4	-1.4	11.7	11.7	-11.5	98.	2.4441	0.9572	0.9703	311.0	18.8
244.2	722.4	-1.4	11.7	11.7	-11.5	98.	2.4434	0.9572	0.9703	311.0	18.8
245.2	722.4	-1.4	11.7	11.7	-11.5	98.	2.4428	0.9572	0.9703	311.0	18.8
246.2	722.4	-1.4	11.7	11.7	-11.5	98.	2.4422	0.9572	0.9703	311.0	18.8
247.2	722.4	-1.4	11.7	11.7	-11.5	98.	2.4416	0.9572	0.9703	311.0	18.8
248.2	722.4	-1.4	11.7	11.7	-11.5	98.	2.4410	0.9572	0.9703	311.0	18.8
249.2	722.4	-1.4	11.7	11.7	-11.5	98.	2.4404	0.9572	0.9703	311.0	18.8
250.2	722.4	-1.4	11.7	11.7	-11.5	98.	2.4398	0.9572	0.9703	311.0	18.8
251.2	722.4	-1.4	11.7	11.7	-11.5	98.	2.4392	0.9572	0.9703	311.0	18.8
252.2	722.4	-1.4	11.7	11.7	-11.5	98.	2.4386	0.9572	0.9703	311.0	18.8
253.2	722.4	-1.4	11.7	11.7	-11.5	98.	2.4380	0.9572	0.9703	311.0	18.8
254.2	722.4	-1.4	11.7	11.7	-11.5	98.	2.4374	0.9572	0.9703	311.0	18.8
255.2	722.4	-1.4	11.7	11.7	-11.5	98.	2.4368	0.9572	0.9703	311.0	18.8
256.2	722.4	-1.4	11.7	11.7	-11.5	98.	2.4362	0.9572	0.9703	311.0	18.8
257.2	722.4	-1.4	11.7	11.7	-11.5	98.	2.4356	0.9572	0.9703	311.0	18.8
258.2	722.4	-1.4	11.7	11.7	-11.5	98.	2.4350	0.9572	0.9703	311.0	18.8
259.2	722.4	-1.4	11.7	11.7	-11.5	98.	2.4344	0.9572	0.9703	311.0	18.8
260.2	722.4	-1.4	11.7	11.7	-11.5	98.	2.4338	0.9572	0.9703	311.0	18.8
261.2	722.4	-1.4	11.7	11.7	-11.5	98.	2.4332	0.9572	0.9703	311.0	18.8
262.2	722.4	-1.4	11.7	11.7	-11.5	98.	2.4326	0.9572	0.9703	311.0	18.8
263.2	722.4	-1.4	11.7	11.7	-11.5	98.	2.4320	0.9572	0.9703	311.0	18.8
264.2	722.4	-1.4	11.7	11.7	-11.5	98.	2.4314	0.9572	0.9703	311.0	18.8
265.2	722.4	-1.4	11.7	11.7	-11.5	98.	2.4308	0.9572	0.9703	311.0	18.8
266.2	722.4	-1.4	11.7	11.7	-11.5	98.	2.4302	0.9572	0.9703	311.0	18.8
267.2	722.4	-1.4	11.7	11.7	-11.5	98.	2.4296	0.9572	0.9703	311.0	18.8
268.2	722.4	-1.4	11.7	11.7	-11.5	98.	2.4290	0.9572	0.9703	311.0	18.8
269.2	722.4	-1.4	11.7	11.7	-11.5	98.	2.4284	0.9572	0.9703	311.0	18.8
270.2	722.4	-1.4	11.7	11.7	-11.5	98.	2.4278	0.9572	0.9703	311.0	18.8
271.2	722.4	-1.4	11.7	11.7	-11.5	98.	2.4272	0.9572	0.9703	311.0	18.8
272.2	722.4	-1.4	11.7	11.7	-11.5	98.	2.4266	0.9572	0.9703	311.0	18.8
273.2	722.4	-1.4	11.7	11.7	-11.5	98.	2.4260	0.9572	0.9703	311.0	18.8
274.2	722.4	-1.4	11.7	11.7	-11.5	98.	2.4254	0.9572	0.9703	311.0	18.8

HEIGHT (M)	PRES (MM)	T (C)	THETA (C)	THETA V (C)	BLK POINT (C)	REL HUM (%)	E (MM)	1E+3-RHOW (G/M+3.7)	RHO (KG/M+3.7)	DIR (DEG)	SPEED (7/2)
5971.1	454.1	-32.5	28.4	28.4	-33.7	88.	0.2579	0.2334	0.6576	395.0	37.3
6002.2	452.1	-32.5	28.4	28.4	-34.0	88.	0.2498	0.2263	0.6555	395.0	37.6
6036.6	449.9	-32.5	28.4	28.4	-34.3	88.	0.2419	0.2195	0.6533	395.0	37.9
6069.9	447.8	-32.5	28.4	28.4	-34.6	88.	0.2343	0.2128	0.6509	395.0	38.2
6103.3	445.7	-32.5	28.4	28.4	-34.9	88.	0.2269	0.2065	0.6483	395.0	38.5
6136.2	443.7	-32.5	28.4	28.4	-35.1	88.	0.2201	0.2002	0.6446	395.0	38.8
6162.2	441.9	-32.5	28.4	28.4	-35.4	88.	0.2150	0.1955	0.6444	395.0	39.1
6195.8	439.8	-32.5	28.4	28.4	-35.7	88.	0.2042	0.1899	0.6422	395.0	39.4
6227.7	437.8	-32.5	28.4	28.4	-36.0	88.	0.2115	0.1841	0.6400	395.0	39.7
6260.0	435.7	-32.5	28.4	28.4	-36.2	88.	0.2172	0.1803	0.6375	395.0	39.9
6292.2	433.7	-32.5	28.4	28.4	-36.4	88.	0.2135	0.1766	0.6351	395.0	40.2
6326.6	431.6	-32.5	28.4	28.4	-36.5	88.	0.2105	0.1747	0.6323	395.0	40.5
6360.0	429.5	-32.5	28.4	28.4	-36.7	88.	0.2168	0.1711	0.6298	395.0	40.8
6394.4	427.4	-32.5	28.4	28.4	-36.9	88.	0.2127	0.1675	0.6272	395.0	41.1
6428.5	425.5	-32.5	28.4	28.4	-37.1	88.	0.2188	0.1641	0.6245	395.0	41.4
6462.4	423.7	-32.5	28.4	28.4	-37.2	88.	0.2168	0.1624	0.6226	395.0	41.7
6495.5	421.0	-32.5	28.4	28.4	-37.4	88.	0.2170	0.1604	0.6204	395.0	42.0
6528.2	418.2	-32.5	28.4	28.4	-37.6	88.	0.2193	0.1557	0.6182	395.0	42.3
6561.5	416.4	-32.5	28.4	28.4	-37.8	88.	0.2120	0.1524	0.6160	395.0	42.6
6594.6	414.5	-32.5	28.4	28.4	-38.0	88.	0.2167	0.1492	0.6139	395.0	42.9
6627.6	412.7	-32.5	28.4	28.4	-38.3	88.	0.2133	0.1445	0.6119	395.0	43.2
6660.6	410.9	-32.5	28.4	28.4	-38.6	88.	0.2155	0.1415	0.6097	395.0	43.5
6693.0	409.0	-32.5	28.4	28.4	-38.8	88.	0.2140	0.1385	0.6076	395.0	43.8
6726.0	407.1	-32.5	28.4	28.4	-39.0	88.	0.2155	0.1342	0.6054	395.0	44.1
6759.4	405.2	-32.5	28.4	28.4	-39.2	88.	0.2132	0.1299	0.6032	395.0	44.4
6792.8	403.3	-32.5	28.4	28.4	-39.4	88.	0.2172	0.1272	0.6009	395.0	44.7
6826.2	401.4	-32.5	28.4	28.4	-39.7	88.	0.2131	0.1231	0.5987	395.0	45.0
6859.6	399.5	-32.5	28.4	28.4	-40.0	88.	0.2107	0.1197	0.5965	395.0	45.3
6893.0	397.7	-32.5	28.4	28.4	-40.3	88.	0.2154	0.1167	0.5943	395.0	45.6
6926.4	395.8	-32.5	28.4	28.4	-40.6	88.	0.2113	0.1129	0.5919	395.0	45.9
6959.8	393.9	-32.5	28.4	28.4	-40.9	88.	0.2172	0.1093	0.5891	395.0	46.2
7000.0	392.0	-32.5	28.4	28.4	-41.1	88.	0.2133	0.1056	0.5863	395.0	46.5
7033.4	390.1	-32.5	28.4	28.4	-41.3	88.	0.2108	0.1035	0.5830	395.0	46.8
7066.8	388.2	-32.5	28.4	28.4	-41.6	88.	0.2128	0.1035	0.5793	395.0	47.1
7100.2	386.3	-32.5	28.4	28.4	-41.9	88.	0.2143	0.1035	0.5757	395.0	47.4
7133.6	384.4	-32.5	28.4	28.4	-42.1	88.	0.2103	0.1035	0.5727	395.0	47.7
7167.0	382.5	-32.5	28.4	28.4	-42.4	88.	0.2171	0.1035	0.5697	395.0	48.0
7200.4	380.6	-32.5	28.4	28.4	-42.6	88.	0.2135	0.1000	0.5673	395.0	48.3
7233.8	378.7	-32.5	28.4	28.4	-42.9	88.	0.2111	0.9977	0.5644	395.0	48.6
7267.2	376.8	-32.5	28.4	28.4	-43.1	88.	0.2148	0.9944	0.5614	395.0	48.9
7300.6	374.9	-32.5	28.4	28.4	-43.4	88.	0.2166	0.9922	0.5584	395.0	49.2
7334.0	373.0	-32.5	28.4	28.4	-43.7	88.	0.2133	0.9898	0.5554	395.0	49.5
7367.4	371.1	-32.5	28.4	28.4	-44.0	88.	0.2103	0.9878	0.5524	395.0	49.8
7400.8	369.2	-32.5	28.4	28.4	-44.3	88.	0.2166	0.9853	0.5494	395.0	50.1
7434.2	367.3	-32.5	28.4	28.4	-44.6	88.	0.2133	0.9831	0.5464	395.0	50.4
7467.6	365.4	-32.5	28.4	28.4	-44.9	88.	0.2103	0.9812	0.5434	395.0	50.7
7501.0	363.5	-32.5	28.4	28.4	-45.1	88.	0.2166	0.9786	0.5404	395.0	51.0
7534.4	361.6	-32.5	28.4	28.4	-45.4	88.	0.2133	0.9760	0.5374	395.0	51.3
7567.8	359.7	-32.5	28.4	28.4	-45.7	88.	0.2103	0.9743	0.5344	395.0	51.6
7601.2	357.8	-32.5	28.4	28.4	-46.0	88.	0.2166	0.9718	0.5314	395.0	51.9
7634.6	355.9	-32.5	28.4	28.4	-46.3	88.	0.2133	0.9695	0.5284	395.0	52.2
7668.0	354.0	-32.5	28.4	28.4	-46.6	88.	0.2103	0.9679	0.5254	395.0	52.5
7701.4	352.1	-32.5	28.4	28.4	-46.9	88.	0.2166	0.9659	0.5224	395.0	52.8
7734.8	350.2	-32.5	28.4	28.4	-47.2	88.	0.2133	0.9642	0.5194	395.0	53.1
7768.2	348.3	-32.5	28.4	28.4	-47.5	88.	0.2103	0.9627	0.5164	395.0	53.4
7801.6	346.4	-32.5	28.4	28.4	-47.8	88.	0.2166	0.9607	0.5134	395.0	53.7
7835.0	344.5	-32.5	28.4	28.4	-48.1	88.	0.2133	0.9588	0.5104	395.0	54.0
7868.4	342.6	-32.5	28.4	28.4	-48.4	88.	0.2103	0.9568	0.5074	395.0	54.3
7901.8	340.7	-32.5	28.4	28.4	-48.7	88.	0.2166	0.9549	0.5044	395.0	54.6
7935.2	338.8	-32.5	28.4	28.4	-49.0	88.	0.2133	0.9531	0.5014	395.0	54.9
7968.6	336.9	-32.5	28.4	28.4	-49.3	88.	0.2103	0.9512	0.4984	395.0	55.2
8002.0	335.0	-32.5	28.4	28.4	-49.6	88.	0.2166	0.9494	0.4954	395.0	55.5
8035.4	333.1	-32.5	28.4	28.4	-49.9	88.	0.2133	0.9476	0.4924	395.0	55.8
8068.8	331.2	-32.5	28.4	28.4	-50.2	88.	0.2103	0.9459	0.4894	395.0	56.1
8102.2	329.3	-32.5	28.4	28.4	-50.5	88.	0.2166	0.9441	0.4864	395.0	56.4
8135.6	327.4	-32.5	28.4	28.4	-50.8	88.	0.2133	0.9424	0.4834	395.0	56.7
8169.0	325.5	-32.5	28.4	28.4	-51.1	88.	0.2103	0.9406	0.4804	395.0	57.0
8202.4	323.6	-32.5	28.4	28.4	-51.4	88.	0.2166	0.9389	0.4774	395.0	57.3
8235.8	321.7	-32.5	28.4	28.4	-51.7	88.	0.2133	0.9372	0.4744	395.0	57.6
8269.2	319.8	-32.5	28.4	28.4	-52.0	88.	0.2103	0.9355	0.4714	395.0	57.9
8302.6	317.9	-32.5	28.4	28.4	-52.3	88.	0.2166	0.9338	0.4684	395.0	58.2
8336.0	316.0	-32.5	28.4	28.4	-52.6	88.	0.2133	0.9321	0.4654	395.0	58.5
8369.4	314.1	-32.5	28.4	28.4	-52.9	88.	0.2103	0.9304	0.4624	395.0	58.8
8402.8	312.2	-32.5	28.4	28.4	-53.2	88.	0.2166	0.9287	0.4594	395.0	59.1
8436.2	310.3	-32.5	28.4	28.4	-53.5	88.	0.2133	0.9270	0.4564	395.0	59.4
8469.6	308.4	-32.5	28.4	28.4	-53.8	88.	0.2103	0.9253	0.4534	395.0	59.7
8503.0	306.5	-32.5	28.4	28.4	-54.1	88.	0.2166	0.9236	0.4504	395.0	60.0
8536.4	304.6	-32.5	28.4	28.4	-54.4	88.	0.2133	0.9219	0.4474	395.0	60.3
8569.8	302.7	-32.5	28.4	28.4	-54.7	88.	0.2103	0.9202	0.4444	395.0	60.6
8603.2	300.8	-32.5	28.4	28.4	-55.0	88.	0.2166	0.9185	0.4414	395.0	60.9
8636.6	298.9	-32.5	28.4	28.4	-55.3	88.	0.2133	0.9168	0.4384	395.0	61.2
8670.0	297.0	-32.5	28.4	28.4	-55.6	88.	0.2103	0.9151	0.4354	395.0	61.5
8703.4	295.1	-32.5	28.4	28.4	-55.9	88.	0.2166	0.9134	0.4324	395.0	61.8
8736.8	293.2	-32.5	28.4	28.4	-56.2	88.	0.2133	0.9117	0.4294	395.0	62.1
8770.2	291.3	-32.5	28.4	28.4	-56.5	88.	0.2103	0.9100	0.4264	395.0	62.4
8803.6	289.4	-32.5	28.4	28.4	-56.8	88.	0.2166	0.9083	0.4234	395.0	62.7
8837.0	287.5	-32.5	28.4	28.4	-57.1	88.	0.2133	0.9066	0.4204	395.0	63.0
8870.4	285.6	-32.5	28.4	28.4	-57.4	88.	0.2103	0.9049	0.4174	395.0	63.3
8903.8	283.7	-32.5	28.4	28.4	-57.7	88.	0.2166	0.9032	0.4144	395.0	63.6
8937.2	281.8	-32.5	28.4	28.4	-58.0	88.	0.2133	0.9015	0.4114	395.0	63.9
8970.6	279.9	-32.5	28.4	28.4	-58.3	88.	0.2103	0.9000	0.4084	395.0	64.2
9004.0	278.0	-32.5	28.4	28.4	-58.6	88.	0.2166	0.8983	0.4054	395.0	64.5
9037.4	276.1	-32.5	28.4	28.4	-58.9	88.	0.2133	0.8966	0.4024	395.0	64.8
9070.8	274.2	-32.5	28.4	28.4	-59.2	88.	0.2103	0.8949	0.3994	395.0	65.1
9104.2	272.3	-32.5	28.4	28.4	-59.5	88.	0.2166	0.8932	0.3964	395.0	65.4
9137.6	270.4	-32.5	28.4	28.4	-59.8	88.	0.2133	0.8915	0.3934	395.0	65.7
9171.0	268.5	-32.5	28.4	28.4	-60.1	88.	0.2103	0.8900	0.3904	395.0	66.0
9204.4	266.6	-32.5	28.4	28.4	-60.4	88.	0.2166	0.8883	0.3874	395.0	66.3
9237.8	264.7	-32.5	28.4	28.4	-60.7	88.	0.2133	0.8866	0.3844	395.0	66.6
9271.2	262.8	-32.5	28.4	28.4	-61.0	88.	0.2103	0.8849	0.3814	395.0	66.9
9304.6	260.9	-32.5	28.4	28.4	-61.3	88.	0.2166	0.8832	0.3784	395.0	

HEIGHT (M)	PRES (hPa)	T (C)	THETA (C)	THETA V (C)	PEN POINT (C)	REL HUM (%)	E (mm)	1E+3 RHOW (g/m**3)	RHO (g/m**3)	DIR (DEG)	SEFFD (M/S)
10048.	244.8	-60.1	45.3	45.3	-61.0	RR.	0.00394	0.0096	0.4003	293.0	59.5
10078.	243.6	-60.1	45.3	45.3	-61.0	RR.	0.00394	0.0096	0.3983	293.0	59.1
10112.	242.3	-60.2	46.1	46.1	-61.1	RR.	0.00393	0.0095	0.3964	293.0	58.9
10145.	241.0	-60.3	46.4	46.4	-61.2	RR.	0.00391	0.0093	0.3944	293.0	58.5
10176.	239.8	-60.5	46.6	46.6	-61.4	RR.	0.00389	0.0091	0.3928	293.0	58.2
10207.	238.6	-60.6	46.9	46.9	-61.5	RR.	0.00388	0.0090	0.3911	293.0	57.8
10238.	237.4	-60.6	47.4	47.4	-61.5	RR.	0.00388	0.0090	0.3891	293.0	57.5
10273.	236.1	-60.7	47.9	47.9	-61.5	RR.	0.00388	0.0090	0.3870	293.0	57.1
10302.	235.0	-60.6	48.3	48.3	-61.5	RR.	0.00388	0.0090	0.3852	293.0	56.9
10334.	233.8	-60.7	48.6	48.6	-61.6	RR.	0.00387	0.0089	0.3834	293.0	56.6
10365.	232.7	-61.1	48.7	48.7	-61.8	RR.	0.00387	0.0089	0.3819	293.0	56.3
10396.	231.7	-61.1	49.0	49.0	-61.9	RR.	0.00383	0.0088	0.3805	293.0	56.1
10419.	230.6	-61.1	49.3	49.3	-62.0	RR.	0.00382	0.0088	0.3788	293.0	55.9
10452.	229.4	-61.1	49.7	49.6	-62.0	RR.	0.00382	0.0088	0.3769	293.0	55.7
10489.	228.0	-61.2	50.2	50.2	-62.1	RR.	0.00381	0.0088	0.3747	293.0	55.4
10520.	226.7	-61.3	50.5	50.5	-62.2	RR.	0.00380	0.0088	0.3728	293.0	55.2
10555.	225.6	-61.3	51.0	51.0	-62.2	RR.	0.00380	0.0088	0.3710	293.0	55.1
10588.	224.5	-61.3	51.6	51.6	-62.1	RR.	0.00381	0.0088	0.3690	293.0	55.0
10618.	223.3	-61.3	51.9	51.9	-62.2	RR.	0.00380	0.0088	0.3672	293.0	54.9
10649.	222.2	-61.4	52.2	52.2	-62.3	RR.	0.00379	0.0088	0.3656	293.0	54.7
10680.	221.1	-61.4	52.7	52.7	-62.3	RR.	0.00379	0.0088	0.3638	293.0	54.5
10713.	219.9	-61.4	53.3	53.3	-62.3	RR.	0.00379	0.0088	0.3618	293.0	54.4
10747.	218.7	-61.5	53.6	53.6	-62.3	RR.	0.00379	0.0088	0.3600	293.0	54.4
10781.	217.5	-61.5	54.4	54.4	-62.3	RR.	0.00377	0.0088	0.3582	293.0	54.3
10815.	216.4	-61.5	54.6	54.6	-62.3	RR.	0.00377	0.0088	0.3565	293.0	54.2
10849.	215.4	-61.5	55.0	55.0	-62.7	RR.	0.00374	0.0087	0.3550	293.0	54.0
10885.	214.4	-61.7	55.5	55.5	-62.6	RR.	0.00375	0.0087	0.3516	293.0	53.8
10920.	213.4	-61.7	55.8	55.8	-62.7	RR.	0.00374	0.0087	0.3501	293.0	53.6
10958.	212.2	-61.8	56.2	56.2	-62.8	RR.	0.00373	0.0087	0.3483	293.0	53.4
10998.	211.0	-62.2	56.4	56.4	-63.1	RR.	0.00371	0.0087	0.3466	293.0	53.3
11033.	210.0	-62.2	56.4	56.4	-63.1	RR.	0.00371	0.0087	0.3448	293.0	53.2
11066.	208.7	-62.3	57.2	57.2	-63.2	RR.	0.00372	0.0087	0.3432	293.0	53.0
11099.	207.7	-62.2	57.4	57.4	-63.2	RR.	0.00372	0.0087	0.3415	293.0	52.9
11129.	206.6	-62.2	58.0	58.0	-63.2	RR.	0.00375	0.0087	0.3392	293.0	52.8
11159.	205.4	-61.7	58.9	58.9	-63.2	RR.	0.00375	0.0087	0.3374	293.0	52.6
11189.	204.5	-61.1	59.3	59.3	-62.7	RR.	0.00373	0.0087	0.3358	293.0	52.5
11220.	203.5	-61.1	60.0	60.0	-62.7	RR.	0.00374	0.0087	0.3338	293.0	52.4
11250.	202.5	-61.4	60.4	60.4	-62.7	RR.	0.00377	0.0087	0.3317	293.0	52.3
11280.	201.3	-61.1	62.2	62.2	-62.7	RR.	0.00380	0.0088	0.3292	293.0	52.2
11327.	199.1	-61.1	63.1	63.1	-62.0	RR.	0.00382	0.0088	0.3271	293.0	52.0
11365.	197.9	-61.1	63.6	63.6	-61.9	RR.	0.00383	0.0088	0.3250	293.0	51.9
11399.	196.8	-60.8	64.3	64.3	-61.8	RR.	0.00384	0.0088	0.3230	293.0	51.8
11437.	195.6	-61.1	64.9	64.9	-61.9	RR.	0.00383	0.0088	0.3212	293.0	51.6
11466.	194.6	-61.1	65.5	65.5	-62.0	RR.	0.00384	0.0088	0.3197	293.0	51.5
11500.	193.5	-61.1	65.7	65.7	-62.1	RR.	0.00381	0.0088	0.3180	293.0	51.3
11540.	192.4	-61.2	66.2	66.2	-62.1	RR.	0.00383	0.0088	0.3162	293.0	51.0
11579.	191.3	-61.1	66.6	66.6	-61.8	RR.	0.00383	0.0088	0.3143	293.0	50.9
11619.	190.1	-61.1	67.7	67.7	-61.8	RR.	0.00385	0.0088	0.3122	293.0	50.7
11659.	189.0	-61.1	68.4	68.4	-61.8	RR.	0.00384	0.0088	0.3102	293.0	50.6
11699.	187.9	-61.1	69.0	69.0	-61.8	RR.	0.00384	0.0088	0.3084	293.0	50.4
11739.	186.8	-61.1	69.4	69.4	-61.9	RR.	0.00385	0.0088	0.3067	293.0	50.3
11783.	185.5	-61.1	70.1	70.1	-61.9	RR.	0.00385	0.0088	0.3048	293.0	50.1
11820.	184.4	-61.1	70.5	70.5	-62.0	RR.	0.00384	0.0088	0.3031	293.0	49.9
11857.	183.4	-61.1	70.9	70.9	-62.1	RR.	0.00381	0.0088	0.3014	293.0	49.8
11895.	182.5	-61.1	71.2	71.2	-62.2	RR.	0.00382	0.0088	0.3001	293.0	49.7
11933.	181.4	-61.4	71.7	71.7	-62.3	RR.	0.00379	0.0088	0.2984	293.0	49.5
11971.	180.4	-61.1	72.2	72.2	-62.4	RR.	0.00376	0.0088	0.2969	293.0	49.4
12009.	179.4	-61.1	72.6	72.6	-62.4	RR.	0.00376	0.0088	0.2953	293.0	49.3
12047.	178.4	-61.1	73.1	73.1	-62.5	RR.	0.00376	0.0088	0.2936	293.0	49.1
12085.	177.4	-61.1	73.5	73.5	-62.5	RR.	0.00379	0.0088	0.2919	293.0	48.9
12123.	176.5	-61.1	74.0	74.0	-62.1	RR.	0.00379	0.0088	0.2901	293.0	48.7
12161.	175.5	-61.1	74.5	74.5	-61.8	RR.	0.00379	0.0088	0.2884	293.0	48.5
12199.	174.7	-61.1	74.7	74.7	-61.8	RR.	0.00379	0.0088	0.2866	293.0	48.3
12237.	173.8	-61.1	77.1	77.1	-61.9	RR.	0.00375	0.0088	0.2839	293.0	48.1
12275.	172.8	-61.1	77.4	77.4	-62.0	RR.	0.00375	0.0088	0.2826	293.0	47.9
12313.	171.8	-61.1	77.6	77.6	-62.2	RR.	0.00375	0.0088	0.2815	293.0	47.8
12351.	170.8	-61.1	77.8	77.8	-62.3	RR.	0.00375	0.0088	0.2803	293.0	47.6
12389.	169.8	-61.4	78.4	78.4	-62.3	RR.	0.00374	0.0088	0.2789	293.0	47.5
12427.	168.7	-61.1	79.7	79.7	-62.2	RR.	0.00372	0.0088	0.2774	293.0	47.3
12465.	167.7	-61.1	79.7	79.7	-62.1	RR.	0.00371	0.0088	0.2760	293.0	47.1
12503.	166.7	-61.1	80.2	80.2	-62.1	RR.	0.00371	0.0088	0.2747	293.0	47.0
12541.	165.7	-61.1	80.2	80.2	-62.1	RR.	0.00371	0.0088	0.2730	293.0	46.8
12579.	164.7	-61.1	80.2	80.2	-62.1	RR.	0.00371	0.0088	0.2714	293.0	46.6
12617.	163.7	-61.1	80.2	80.2	-62.1	RR.	0.00371	0.0088	0.2699	293.0	46.4
12655.	162.7	-61.1	80.2	80.2	-62.1	RR.	0.00371	0.0088	0.2682	293.0	46.2
12693.	161.7	-61.1	80.2	80.2	-62.1	RR.	0.00371	0.0088	0.2666	293.0	46.0
12731.	160.7	-61.1	80.2	80.2	-62.1	RR.	0.00371	0.0088	0.2651	293.0	45.8
12769.	159.7	-61.1	80.2	80.2	-62.1	RR.	0.00371	0.0088	0.2638	293.0	45.6
12807.	158.7	-61.1	80.2	80.2	-62.1	RR.	0.00371	0.0088	0.2624	293.0	45.4
12845.	157.7	-61.1	80.2	80.2	-62.1	RR.	0.00371	0.0088	0.2613	293.0	45.2
12883.	156.7	-61.1	80.2	80.2	-62.1	RR.	0.00371	0.0088	0.2601	293.0	45.0
12921.	155.7	-61.1	80.2	80.2	-62.1	RR.	0.00371	0.0088	0.2588	293.0	44.8
12959.	154.7	-61.1	80.2	80.2	-62.1	RR.	0.00371	0.0088	0.2573	293.0	44.6
13000.	153.7	-61.1	80.2	80.2	-62.1	RR.	0.00371	0.0088	0.2561	293.0	44.4
13040.	152.7	-61.1	80.2	80.2	-62.1	RR.	0.00371	0.0088	0.2547	293.0	44.2
13080.	151.7	-61.1	80.2	80.2	-62.1	RR.	0.00371	0.0088	0.2535	293.0	44.0
13120.	150.7	-61.1	80.2	80.2	-62.1	RR.	0.00371	0.0088	0.2522	293.0	43.8
13160.	149.7	-61.1	80.2	80.2	-62.1	RR.	0.00371	0.0088	0.2508	293.0	43.6
13200.	148.7	-61.1	80.2	80.2	-62.1	RR.	0.00371	0.0088	0.2494	293.0	43.4
13240.	147.7	-61.1	80.2	80.2	-62.1	RR.	0.00371	0.0088	0.2481	293.0	43.2
13280.	146.7	-61.1	80.2	80.2	-62.1	RR.	0.00371	0.0088	0.2467	293.0	43.0
13320.	145.7	-61.1	80.2	80.2	-62.1	RR.	0.00371	0.0088	0.2455	293.0	42.8
13360.	144.7	-61.1	80.2	80.2	-62.1	RR.	0.00371	0.0088	0.2442	293.0	42.6
13400.	143.7	-61.1	80.2	80.2	-62.1	RR.	0.00371	0.0088	0.2429	293.0	42.4
13440.	142.7	-61.1	80.2	80.2	-62.1	RR.	0.00371	0.0088	0.2417	293.0	42.2
13480.	141.7	-61.1	80.2	80.2	-62.1	RR.	0.00371	0.0088	0.2401	293.0	42.0
13520.	140.7	-61.1	80.2	80.2	-62.1	RR.	0.00371	0.0088	0.2387	293.0	41.8
13560.	139.7	-61.1	80.2	80.2	-62.1	RR.	0.00371	0.0088	0.2374	293.0	41.6
13600.	138.7	-61.1	80.2	80.2	-62.1	RR.	0.00371	0.0088	0.2360	293.0	41.4
13640.	137.7	-61.1	80.2	80.2	-62.1	RR.	0.00371	0.0088	0.2348	293.0	41.2
13680.	136.7	-61.1	80.2	80.2	-62.1	RR.	0.00371	0.0088	0.2334	293.0	41.0
13720.	135.7	-61.1	80.2	80.2	-62.1	RR.	0.00371	0.0088	0		

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MM)	1E+3*RH0W (G/M+3)	RH0 (KG/M+3)	DIR (DEG)	SPEED (M/S)
17186.	77.5	-57.4	174.5	174.5	-57.4	88.	0.0122	0.01229	0.01254	227.0	44.7
17218.	77.1	-57.4	174.5	174.5	-57.4	88.	0.0126	0.01229	0.01247	227.0	44.7
17251.	76.7	-57.4	175.5	175.5	-57.4	88.	0.0126	0.01228	0.01241	227.0	44.7
17284.	76.2	-57.4	175.5	175.5	-57.4	88.	0.0126	0.01228	0.01233	227.0	44.7
17317.	75.8	-57.4	175.5	175.5	-57.4	88.	0.0126	0.01228	0.01227	227.0	44.7
17350.	75.4	-57.4	177.7	177.7	-57.4	88.	0.0129	0.01231	0.01219	227.0	44.7
17383.	75.0	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.01212	227.0	44.7
17416.	74.6	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.01204	227.0	44.7
17449.	74.2	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.01196	227.0	44.7
17482.	73.8	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.01188	227.0	44.7
17515.	73.4	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.01179	227.0	44.7
17548.	73.0	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.01171	227.0	44.7
17581.	72.6	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.01163	227.0	44.7
17614.	72.2	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.01155	227.0	44.7
17647.	71.8	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.01147	227.0	44.7
17680.	71.4	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.01139	227.0	44.7
17713.	71.0	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.01131	227.0	44.7
17746.	70.6	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.01123	227.0	44.7
17779.	70.2	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.01115	227.0	44.7
17812.	69.8	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.01107	227.0	44.7
17845.	69.4	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.01099	227.0	44.7
17878.	69.0	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.01091	227.0	44.7
17911.	68.6	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.01083	227.0	44.7
17944.	68.2	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.01075	227.0	44.7
17977.	67.8	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.01067	227.0	44.7
18010.	67.4	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.01059	227.0	44.7
18043.	67.0	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.01051	227.0	44.7
18076.	66.6	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.01043	227.0	44.7
18109.	66.2	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.01035	227.0	44.7
18142.	65.8	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.01027	227.0	44.7
18175.	65.4	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.01019	227.0	44.7
18208.	65.0	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.01011	227.0	44.7
18241.	64.6	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.01003	227.0	44.7
18274.	64.2	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00995	227.0	44.7
18307.	63.8	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00987	227.0	44.7
18340.	63.4	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00979	227.0	44.7
18373.	63.0	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00971	227.0	44.7
18406.	62.6	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00963	227.0	44.7
18439.	62.2	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00955	227.0	44.7
18472.	61.8	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00947	227.0	44.7
18505.	61.4	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00939	227.0	44.7
18538.	61.0	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00931	227.0	44.7
18571.	60.6	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00923	227.0	44.7
18604.	60.2	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00915	227.0	44.7
18637.	59.8	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00907	227.0	44.7
18670.	59.4	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00899	227.0	44.7
18703.	59.0	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00891	227.0	44.7
18736.	58.6	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00883	227.0	44.7
18769.	58.2	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00875	227.0	44.7
18802.	57.8	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00867	227.0	44.7
18835.	57.4	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00859	227.0	44.7
18868.	57.0	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00851	227.0	44.7
18901.	56.6	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00843	227.0	44.7
18934.	56.2	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00835	227.0	44.7
18967.	55.8	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00827	227.0	44.7
19000.	55.4	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00819	227.0	44.7
19033.	55.0	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00811	227.0	44.7
19066.	54.6	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00803	227.0	44.7
19099.	54.2	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00795	227.0	44.7
19132.	53.8	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00787	227.0	44.7
19165.	53.4	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00779	227.0	44.7
19198.	53.0	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00771	227.0	44.7
19231.	52.6	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00763	227.0	44.7
19264.	52.2	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00755	227.0	44.7
19297.	51.8	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00747	227.0	44.7
19330.	51.4	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00739	227.0	44.7
19363.	51.0	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00731	227.0	44.7
19396.	50.6	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00723	227.0	44.7
19429.	50.2	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00715	227.0	44.7
19462.	49.8	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00707	227.0	44.7
19495.	49.4	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00699	227.0	44.7
19528.	49.0	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00691	227.0	44.7
19561.	48.6	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00683	227.0	44.7
19594.	48.2	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00675	227.0	44.7
19627.	47.8	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00667	227.0	44.7
19660.	47.4	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00659	227.0	44.7
19693.	47.0	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00651	227.0	44.7
19726.	46.6	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00643	227.0	44.7
19759.	46.2	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00635	227.0	44.7
19792.	45.8	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00627	227.0	44.7
19825.	45.4	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00619	227.0	44.7
19858.	45.0	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00611	227.0	44.7
19891.	44.6	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00603	227.0	44.7
19924.	44.2	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00595	227.0	44.7
19957.	43.8	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00587	227.0	44.7
19990.	43.4	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00579	227.0	44.7
20023.	43.0	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00571	227.0	44.7
20056.	42.6	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00563	227.0	44.7
20089.	42.2	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00555	227.0	44.7
20122.	41.8	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00547	227.0	44.7
20155.	41.4	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00539	227.0	44.7
20188.	41.0	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00531	227.0	44.7
20221.	40.6	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00523	227.0	44.7
20254.	40.2	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00515	227.0	44.7
20287.	39.8	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00507	227.0	44.7
20320.	39.4	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00499	227.0	44.7
20353.	39.0	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00491	227.0	44.7
20386.	38.6	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00483	227.0	44.7
20419.	38.2	-57.4	177.7	177.7	-57.4	88.	0.0133	0.01234	0.00475	227.0	44.7
20452.	37.8	-57.4									

HEIGHT (M)	PRES (H)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (M)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (KTS)
56.	984.2	0.0	1.2	1.9	-0.4	97.	5.9531	4.7226	1.2599	306.0	6.8
84.	980.8	0.0	1.6	2.3	-0.2	98.	6.0582	4.8089	1.2552	304.0	7.6
112.	977.3	0.1	2.0	2.6	-0.1	98.	6.1022	4.8421	1.2503	302.0	8.2
140.	973.7	0.1	2.2	2.9	-0.2	98.	6.0580	4.8088	1.2455	301.0	8.7
168.	969.9	0.1	2.5	3.3	-0.0	99.	6.1198	4.8553	1.2394	300.0	9.1
196.	966.3	0.1	2.7	3.7	-0.0	99.	6.1197	4.8552	1.2332	299.0	9.3
224.	962.6	0.2	3.0	4.2	0.1	99.	6.1641	4.8887	1.2265	298.0	9.3
252.	958.9	0.2	3.5	4.6	0.2	100.	6.2263	4.9354	1.2198	298.0	9.3
280.	955.3	0.1	4.0	5.0	0.1	100.	6.1811	4.9015	1.2128	297.0	9.2
308.	951.7	0.0	4.7	5.4	-0.0	100.	6.1363	4.8677	1.2059	297.0	9.2
336.	948.1	0.0	5.4	6.1	0.2	100.	6.2259	4.9352	1.1975	296.0	9.0
364.	944.5	0.0	6.1	6.8	0.4	100.	6.3166	5.0034	1.1901	297.0	8.9
392.	940.9	0.0	7.2	7.4	0.5	100.	6.3624	5.0378	1.1830	296.0	8.8
420.	937.3	0.0	7.7	7.9	0.5	100.	6.3623	5.0377	1.1752	296.0	8.8
448.	933.7	0.0	8.2	8.7	0.0	100.	6.3621	5.0376	1.1672	296.0	8.9
476.	930.1	0.0	8.7	9.0	0.0	100.	6.3154	4.9347	1.1606	296.0	8.8
504.	926.5	0.0	8.4	9.1	-0.3	100.	4.8670	4.8670	1.1542	295.0	8.7
532.	922.9	-0.0	8.4	9.3	-0.6	100.	5.9863	4.7539	1.1483	295.0	8.7
560.	919.3	-0.1	8.6	9.5	-0.9	100.	5.8395	4.6425	1.1422	293.0	8.6
588.	915.7	-0.1	9.2	9.9	-1.1	100.	5.6961	4.5334	1.1358	292.0	8.5
616.	912.1	-0.1	9.5	10.1	-1.1	100.	5.6022	4.4620	1.1286	291.0	8.6
644.	908.5	-0.1	9.8	10.5	-1.4	100.	5.4640	4.3567	1.1219	290.0	8.7
672.	904.9	-0.1	10.1	10.9	-1.6	100.	5.3736	4.2878	1.1147	288.0	8.5
700.	901.3	-0.2	10.1	10.7	-2.0	100.	5.1970	4.1530	1.1085	286.0	8.5
728.	897.7	-0.2	10.5	10.9	-2.4	100.	5.0257	4.0221	1.1026	284.0	8.4
756.	894.1	-0.2	10.5	11.1	-2.7	100.	4.8006	3.9263	1.0972	281.0	8.2
784.	890.5	-0.2	10.8	11.3	-2.9	100.	4.8188	3.8636	1.0919	280.0	8.7
812.	886.9	-0.3	10.8	11.3	-3.2	100.	4.5994	3.7113	1.0867	279.0	8.9
840.	883.3	-0.3	10.7	11.3	-3.6	100.	4.5422	3.6513	1.0812	278.0	9.2
868.	879.7	-0.4	10.7	11.4	-4.1	100.	4.3537	3.5063	1.0766	277.0	9.3
896.	876.1	-0.4	10.8	11.4	-4.5	100.	4.2080	3.3940	1.0715	276.0	9.6
924.	872.5	-0.5	10.9	11.4	-4.9	100.	4.0668	3.2849	1.0667	275.0	9.9
952.	868.9	-0.5	11.0	11.6	-5.2	100.	3.9637	3.2053	1.0614	274.0	10.0
980.	865.3	-0.5	11.2	11.7	-5.6	99.	3.8243	3.0974	1.0558	273.0	10.2
1008.	861.7	-0.5	11.4	11.9	-5.9	99.	3.7270	3.0219	1.0506	273.0	10.2
1036.	858.1	-0.6	11.4	11.9	-6.2	100.	3.6371	2.9522	1.0464	271.0	10.0
1064.	854.5	-0.6	11.3	11.6	-6.7	100.	3.4832	2.8326	1.0418	275.0	10.7
1092.	850.9	-0.7	11.3	11.7	-7.3	100.	3.3264	2.6949	1.0372	276.0	11.0
1120.	847.3	-0.7	11.7	12.1	-7.5	99.	3.2449	2.6469	1.0308	277.0	11.0
1148.	843.7	-0.7	12.0	12.4	-7.7	99.	3.1888	2.6031	1.0249	278.0	11.1
1176.	840.1	-0.8	12.3	12.7	-8.0	99.	3.1519	2.5722	1.0197	279.0	11.3
1204.	836.5	-0.8	12.3	13.1	-8.2	97.	3.0435	2.4895	1.0140	280.0	11.6
1232.	832.9	-0.7	13.1	13.5	-8.5	97.	3.0435	2.4894	1.0082	281.0	11.6
1260.	829.3	-0.8	13.5	13.9	-8.5	96.	2.9858	2.4443	1.0027	282.0	11.7
1288.	825.7	-0.8	14.0	14.4	-8.6	95.	2.9547	2.4199	0.9965	283.0	11.9
1316.	822.1	-0.8	14.8	14.9	-8.6	95.	2.9546	2.4198	0.9902	280.0	11.9
1344.	818.5	-0.9	15.2	15.4	-8.9	93.	2.8727	2.3556	0.9844	281.0	12.2
1372.	814.9	-0.9	15.3	15.4	-9.3	93.	2.7633	2.2736	0.9792	282.0	12.6
1400.	811.3	-0.9	15.7	16.1	-9.5	93.	2.7201	2.2357	0.9740	282.0	12.8
1428.	807.7	-0.8	16.1	16.6	-9.7	92.	2.6672	2.1941	0.9684	282.0	13.4
1456.	804.1	-0.8	16.6	16.9	-11.0	82.	2.3773	1.9652	0.9622	282.0	13.8
1484.	800.5	-0.8	17.1	17.4	-12.3	73.	2.1163	1.7584	0.9574	282.0	14.4
1512.	796.9	-0.8	17.7	18.0	-13.1	68.	1.9713	1.6426	0.9522	278.0	14.7
1540.	793.3	-0.8	18.0	18.6	-13.5	55.	1.9310	1.5864	0.9461	277.0	15.4
1568.	789.7	-0.8	18.3	19.1	-12.1	48.	1.8179	1.4901	0.9401	277.0	16.3
1596.	786.1	-0.8	18.7	19.7	-11.8	42.	2.1192	1.9984	0.9343	282.0	17.1
1624.	782.5	-0.7	19.3	20.3	-9.6	42.	2.6905	2.2124	0.9288	284.0	18.2
1652.	778.9	-0.7	19.8	20.7	-9.6	42.	2.6904	2.2123	0.9225	285.0	19.4
1680.	775.3	-0.8	20.3	21.1	-9.7	42.	2.6668	2.1937	0.9167	287.0	20.4
1708.	771.7	-0.8	20.7	21.6	-9.7	43.	2.6721	2.1979	0.9113	289.0	21.3
1736.	768.1	-0.9	21.1	22.2	-9.8	43.	2.6486	2.1794	0.9057	289.0	22.4
1764.	764.5	-0.9	21.6	22.8	-10.0	43.	2.6223	2.1429	0.9001	290.0	23.2
1792.	760.9	-0.9	22.1	23.4	-10.1	43.	2.5342	2.0892	0.8946	290.0	24.0
1820.	757.3	-10.6	22.2	23.9	-10.6	43.	2.4243	2.0024	0.8903	291.0	24.7
1848.	753.7	-10.7	22.2	24.5	-11.1	43.	2.3623	1.9519	0.8853	293.0	25.8
1876.	750.1	-10.7	22.2	25.0	-11.4	43.	2.3223	1.9058	0.8802	293.0	26.3
1904.	746.5	-11.1	22.2	25.7	-11.3	44.	2.2214	1.8456	0.8748	294.0	27.0
1932.	742.9	-11.1	22.2	26.3	-11.3	44.	2.1734	1.7719	0.8706	295.0	27.5
1960.	739.3	-11.9	22.2	26.9	-12.0	44.	2.0673	1.7191	0.8663	296.0	28.0
1988.	735.7	-12.0	22.7	27.3	-12.9	44.	2.0121	1.6751	0.8621	296.0	28.5
2016.	732.1	-12.5	23.1	27.8	-13.1	44.	1.9791	1.6488	0.8576	296.0	29.0
2044.	728.5	-12.7	23.3	28.1	-13.3	45.	1.9435	1.6204	0.8532	296.0	29.6
2072.	724.9	-13.4	23.3	28.4	-13.4	45.	1.9260	1.6064	0.8485	297.0	29.9
2100.	721.3	-13.6	24.1	29.1	-13.6	45.	1.8313	1.5787	0.8443	297.0	30.1
2128.	717.7	-13.9	24.4	29.5	-13.9	45.	1.8404	1.5379	0.8398	297.0	30.8
2156.	714.1	-14.1	24.4	29.6	-14.1	45.	1.8071	1.5113	0.8353	298.0	30.2
2184.	710.5	-14.2	24.5	29.6	-14.2	45.	1.7907	1.4981	0.8307	298.0	30.2
2212.	706.9	-14.1	24.5	29.6	-14.1	45.	1.7930	1.5000	0.8263	297.0	29.8
2240.	703.3	-14.2	24.5	29.6	-14.2	45.	1.7767	1.4869	0.8216	297.0	29.7
2268.	699.7	-14.4	24.6	29.6	-14.4	46.	1.7445	1.4611	0.8177	297.0	29.5
2296.	696.1	-14.6	24.6	29.6	-14.6	46.	1.7128	1.4357	0.8138	297.0	29.7
2324.	692.5	-14.4	24.6	29.6	-14.4	46.	1.6816	1.4106	0.8092	297.0	29.8
2352.	688.9	-15.2	24.6	29.6	-15.2	46.	1.6208	1.3617	0.8050	298.0	30.4
2380.	685.3	-15.5	26.5	30.6	-15.5	47.	1.5784	1.3275	0.8008	298.0	30.6
2408.	681.7	-15.8	27.7	31.4	-15.8	47.	1.5351	1.2927	0.7964	298.0	30.3
2436.	678.1	-16.1	27.7	31.4	-16.1	47.	1.4930	1.2587	0.7921	298.0	31.1
2464.	674.5	-16.4	27.7	31.4	-16.4	47.	1.4519	1.2255	0.7878	298.0	31.6
2492.	670.9	-16.6	27.7	31.4	-16.6	47.	1.3934	1.1624	0.7834	298.0	31.3
2520.	667.3	-17.1	27.7	31.4	-17.1	48.	1.3511	1.1521	0.7789	298.0	32.2
2548.	663.7	-17.4	27.7	31.4	-17.4	48.	1.3235	1.1214	0.7743	298.0	32.6
2576.	660.1	-17.7	27.7	31.4	-17.7	48.	1.2857	1.0915	0.7699	297.0	33.0
2604.	656.5	-17.9	27.7	31.4	-17.9	48.	1.2672	1.0720	0.7653	297.0	33.1
2632.	652.9	-18.1	27.7	31.4	-18.1	48.	1.2331	1.0527	0.7606	297.0	33.8
2660.	649.3	-18.6	27.7	31.4	-18.6	48.	1.2154	1.0334	0.7562	297.0	34.7
2688.	645.7	-19.1	27.7	31.4	-19.1	49.	1.1735	0.9986	0.7524	297.0	35.7
2716.	642.1	-19.8	27.7	31.4	-19.8	49.	1.1404	0.9619	0.7484	296.0	36.7
2744.	638.5	-19.1	27.7	31.4	-19.1	49.	1.1277	0.9419	0.7443	296.0	37.9
2772.	634.9	-19.4	27.7	31.4	-19.4	49.	1.0855	0.9273	0.7406	296.0	38.1
2800.	631.3	-19.9	27.7	31.4	-19.9	49.	1.0444	0.8933	0.7371	296.0	38.2
2828.	627.7	-20.0	27.7	31.4	-20.0	49.	1.0254	0.8785	0.7331	296.0	38.3
2856.	624.1	-20.0	27.7	31.4	-20.0	49.	1.0064	0.8637	0.7293	296.0	38.3
2884.	620.5	-20.7	27.7	31.4	-20.7	49.	0.9674	0.8307	0.7257	296.0	38.3
2912.	616.9	-20.0	27.7	31.4	-20.0	49.	0.9484	0.8154	0.7216	296.0	38.3
2940.	613.3	-21.1	27.7	31.4	-21.1	49.	0.9154	0.7854	0.7182	296.0	38.3
2968.	609.7	-21.1	2								

HEIGHT (M)	PRES (MM)	T (C)	THETA (C)	THETA V (C)	DLV POINT (C)	RFL HUM (S)	E (M)	IE+3-RHOW (G/M+3)	RHO (KG/M+3)	DIF (DEG)	SPEED (M/S)
5260.	501.2	-23.2	31.3	31.5	-23.4	98.	0.7433	0.6449	0.6992	333.0	35.4
5301.	498.4	-23.7	31.4	31.6	-23.9	98.	0.7217	0.6269	0.6961	333.0	35.3
5332.	495.6	-24.1	31.7	31.8	-24.2	98.	0.7000	0.6151	0.6927	333.0	35.2
5362.	492.9	-24.4	31.8	32.0	-24.5	98.	0.6871	0.5980	0.6900	333.0	35.1
5425.	490.0	-24.4	31.8	32.0	-24.5	98.	0.6665	0.5811	0.6868	333.0	35.0
5467.	487.2	-24.6	32.1	32.2	-24.8	98.	0.6471	0.5646	0.6834	333.0	34.9
5510.	484.3	-24.8	32.3	32.5	-25.1	97.	0.6279	0.5485	0.6799	333.0	34.8
5558.	481.1	-25.1	32.6	32.7	-25.6	96.	0.6031	0.5277	0.6762	333.0	34.7
5607.	477.9	-25.6	32.5	32.7	-26.1	95.	0.5676	0.4979	0.6730	333.0	34.6
5654.	474.8	-25.7	33.1	33.1	-26.2	95.	0.5319	0.4931	0.6689	333.0	34.5
5701.	471.7	-26.0	33.2	33.5	-26.6	94.	0.5145	0.4742	0.6653	333.0	34.4
5746.	468.8	-26.3	33.3	33.5	-27.0	94.	0.5119	0.4559	0.6623	333.0	34.3
5801.	465.2	-26.6	33.3	33.6	-27.4	93.	0.4971	0.4382	0.6577	333.0	34.2
5855.	461.5	-27.0	33.3	33.6	-27.9	93.	0.4720	0.4171	0.6535	333.0	34.1
5909.	458.3	-27.4	33.3	34.1	-28.4	91.	0.4443	0.3969	0.6501	333.0	34.0
5956.	455.3	-27.7	34.1	34.3	-28.8	89.	0.4295	0.3813	0.6466	333.0	33.9
6002.	452.4	-28.0	34.3	34.4	-29.1	88.	0.4165	0.3702	0.6432	333.0	33.8
6045.	449.7	-28.2	34.6	34.7	-29.3	88.	0.4045	0.3630	0.6399	333.0	33.7
6090.	446.9	-28.5	34.6	34.9	-29.7	88.	0.3915	0.3486	0.6367	333.0	33.6
6133.	444.2	-28.7	35.2	35.2	-30.0	87.	0.3793	0.3381	0.6334	333.0	33.5
6173.	441.7	-29.0	35.2	35.2	-30.3	87.	0.3677	0.3282	0.6306	333.0	33.4
6214.	439.2	-29.4	35.2	35.3	-30.8	85.	0.3444	0.3119	0.6280	333.0	33.3
6256.	436.6	-29.7	35.3	35.4	-31.1	85.	0.3342	0.2994	0.6250	333.0	33.2
6299.	434.3	-30.1	35.3	35.5	-31.7	85.	0.3233	0.2876	0.6223	333.0	33.1
6343.	431.3	-30.4	35.3	35.5	-31.9	84.	0.3140	0.2733	0.6192	333.0	33.0
6386.	428.7	-30.7	35.3	35.7	-32.1	84.	0.3048	0.2647	0.6162	333.0	32.9
6429.	426.1	-31.1	35.3	35.9	-32.2	83.	0.2961	0.2584	0.6130	333.0	32.8
6471.	423.6	-31.4	36.1	36.2	-33.3	83.	0.2772	0.2501	0.6074	333.0	32.7
6514.	421.0	-31.6	36.1	36.2	-33.3	83.	0.2686	0.2426	0.6043	333.0	32.6
6559.	418.3	-32.1	36.6	36.7	-33.6	83.	0.2595	0.2351	0.6007	333.0	32.5
6607.	415.5	-32.5	36.6	36.7	-34.2	82.	0.2445	0.2226	0.5979	333.0	32.4
6651.	412.9	-32.9	36.7	36.8	-34.7	82.	0.2353	0.2093	0.5951	333.0	32.3
6695.	410.3	-33.3	36.7	36.8	-35.1	82.	0.2222	0.2009	0.5925	333.0	32.2
6738.	407.8	-33.6	36.9	36.9	-35.4	81.	0.2117	0.1944	0.5897	333.0	32.1
6780.	405.4	-33.9	37.1	37.1	-35.8	80.	0.2000	0.1866	0.5871	333.0	32.0
6820.	403.1	-34.4	37.4	37.4	-36.5	79.	0.1954	0.1788	0.5846	333.0	31.9
6868.	400.9	-34.8	37.4	37.5	-37.1	79.	0.1866	0.1735	0.5815	333.0	31.8
6901.	399.1	-35.1	37.7	37.7	-37.5	78.	0.1777	0.1686	0.5788	333.0	31.7
6942.	396.7	-35.4	37.7	37.7	-37.7	77.	0.1686	0.1552	0.5741	333.0	31.6
6981.	394.2	-35.7	37.7	37.7	-38.2	77.	0.1585	0.1458	0.5690	333.0	31.5
7027.	391.7	-36.1	37.7	37.7	-38.6	76.	0.1485	0.1395	0.5636	333.0	31.4
7067.	389.1	-36.4	37.7	37.7	-39.1	76.	0.1385	0.1315	0.5583	333.0	31.3
7112.	386.5	-36.7	37.7	37.7	-39.5	75.	0.1285	0.1260	0.5537	333.0	31.2
7145.	384.8	-36.9	37.7	37.7	-40.0	75.	0.1185	0.1217	0.5495	333.0	31.1
7184.	382.1	-37.1	37.7	37.7	-40.4	74.	0.1085	0.1192	0.5457	333.0	31.0
7228.	379.4	-37.3	37.7	37.7	-40.8	74.	0.0985	0.1151	0.5416	333.0	30.9
7272.	376.7	-37.5	37.7	37.7	-41.2	73.	0.0885	0.1115	0.5375	333.0	30.8
7314.	374.2	-37.7	37.7	37.7	-41.6	73.	0.0785	0.1076	0.5336	333.0	30.7
7354.	371.7	-37.9	37.7	37.7	-42.0	72.	0.0685	0.1037	0.5297	333.0	30.6
7391.	369.2	-38.1	37.7	37.7	-42.4	72.	0.0585	0.0998	0.5258	333.0	30.5
7432.	366.7	-38.3	37.7	37.7	-42.8	71.	0.0485	0.0959	0.5219	333.0	30.4
7475.	364.2	-38.5	37.7	37.7	-43.2	71.	0.0385	0.0920	0.5180	333.0	30.3
7516.	361.7	-38.7	37.7	37.7	-43.6	70.	0.0285	0.0881	0.5141	333.0	30.2
7559.	359.2	-38.9	37.7	37.7	-44.0	69.	0.0185	0.0842	0.5102	333.0	30.1
7601.	356.7	-39.1	37.7	37.7	-44.4	68.	0.0085	0.0803	0.5063	333.0	30.0
7643.	354.2	-39.3	37.7	37.7	-44.8	67.	0.0000	0.0764	0.5024	333.0	29.9
7686.	351.7	-39.5	37.7	37.7	-45.2	66.	0.0000	0.0725	0.4985	333.0	29.8
7728.	349.2	-39.7	37.7	37.7	-45.6	65.	0.0000	0.0686	0.4946	333.0	29.7
7771.	346.7	-39.9	37.7	37.7	-46.0	64.	0.0000	0.0647	0.4907	333.0	29.6
7814.	344.2	-40.1	37.7	37.7	-46.4	63.	0.0000	0.0608	0.4868	333.0	29.5
7856.	341.7	-40.3	37.7	37.7	-46.8	62.	0.0000	0.0569	0.4829	333.0	29.4
7899.	339.2	-40.5	37.7	37.7	-47.2	61.	0.0000	0.0530	0.4790	333.0	29.3
7941.	336.7	-40.7	37.7	37.7	-47.6	60.	0.0000	0.0491	0.4751	333.0	29.2
7984.	334.2	-40.9	37.7	37.7	-48.0	59.	0.0000	0.0452	0.4712	333.0	29.1
8027.	331.7	-41.1	37.7	37.7	-48.4	58.	0.0000	0.0413	0.4673	333.0	29.0
8070.	329.2	-41.3	37.7	37.7	-48.8	57.	0.0000	0.0374	0.4634	333.0	28.9
8113.	326.7	-41.5	37.7	37.7	-49.2	56.	0.0000	0.0335	0.4595	333.0	28.8
8156.	324.2	-41.7	37.7	37.7	-49.6	55.	0.0000	0.0296	0.4556	333.0	28.7
8199.	321.7	-41.9	37.7	37.7	-50.0	54.	0.0000	0.0257	0.4517	333.0	28.6
8242.	319.2	-42.1	37.7	37.7	-50.4	53.	0.0000	0.0218	0.4478	333.0	28.5
8285.	316.7	-42.3	37.7	37.7	-50.8	52.	0.0000	0.0179	0.4439	333.0	28.4
8328.	314.2	-42.5	37.7	37.7	-51.2	51.	0.0000	0.0140	0.4400	333.0	28.3
8371.	311.7	-42.7	37.7	37.7	-51.6	50.	0.0000	0.0101	0.4361	333.0	28.2
8414.	309.2	-42.9	37.7	37.7	-52.0	49.	0.0000	0.0062	0.4322	333.0	28.1
8457.	306.7	-43.1	37.7	37.7	-52.4	48.	0.0000	0.0023	0.4283	333.0	28.0
8500.	304.2	-43.3	37.7	37.7	-52.8	47.	0.0000	0.0000	0.4244	333.0	27.9
8543.	301.7	-43.5	37.7	37.7	-53.2	46.	0.0000	0.0000	0.4205	333.0	27.8
8586.	299.2	-43.7	37.7	37.7	-53.6	45.	0.0000	0.0000	0.4166	333.0	27.7
8629.	296.7	-43.9	37.7	37.7	-54.0	44.	0.0000	0.0000	0.4127	333.0	27.6
8672.	294.2	-44.1	37.7	37.7	-54.4	43.	0.0000	0.0000	0.4088	333.0	27.5
8715.	291.7	-44.3	37.7	37.7	-54.8	42.	0.0000	0.0000	0.4049	333.0	27.4
8758.	289.2	-44.5	37.7	37.7	-55.2	41.	0.0000	0.0000	0.4010	333.0	27.3
8801.	286.7	-44.7	37.7	37.7	-55.6	40.	0.0000	0.0000	0.3971	333.0	27.2
8844.	284.2	-44.9	37.7	37.7	-56.0	39.	0.0000	0.0000	0.3932	333.0	27.1
8887.	281.7	-45.1	37.7	37.7	-56.4	38.	0.0000	0.0000	0.3893	333.0	27.0
8930.	279.2	-45.3	37.7	37.7	-56.8	37.	0.0000	0.0000	0.3854	333.0	26.9
8973.	276.7	-45.5	37.7	37.7	-57.2	36.	0.0000	0.0000	0.3815	333.0	26.8
9016.	274.2	-45.7	37.7	37.7	-57.6	35.	0.0000	0.0000	0.3776	333.0	26.7
9059.	271.7	-45.9	37.7	37.7	-58.0	34.	0.0000	0.0000	0.3737	333.0	26.6
9102.	269.2	-46.1	37.7	37.7	-58.4	33.	0.0000	0.0000	0.3698	333.0	26.5
9145.	266.7	-46.3	37.7	37.7	-58.8	32.	0.0000	0.0000	0.3659	333.0	26.4
9188.	264.2	-46.5	37.7	37.7	-59.2	31.	0.0000	0.0000	0.3620	333.0	26.3
9231.	261.7	-46.7	37.7	37.7	-59.6	30.	0.0000	0.0000	0.3581	333.0	26.2
9274.	259.2	-46.9	37.7	37.7	-60.0	29.	0.0000	0.0000	0.3542	333.0	26.1
9317.	256.7	-47.1	37.7	37.7	-60.4	28.	0.0000	0.0000	0.3503	333.0	26.0
9360.	254.2	-47.3	37.7	37.7	-60.8	27.	0.0000	0.0000	0.3464	333.0	25.9
9403.	251.7	-47.5	37.7	37.7	-61.2	26.	0.0000	0.0000	0.3425	333.0	25.8
9446.	249.2	-47.7	37.7	37.7	-61.6	25.	0.0000	0.0000	0.3386	333.0	25.7
9489.	246.7	-47.9	37.7	37.7	-62.0	24.	0.0000	0.0000	0.3347	333.0	25.6
9532.	244.2	-48.1	37.7	37.7	-62.4	23.	0.0000	0.0000	0.3308	333.0	25.5
9575.	241.7	-48.3	37.7	37.7	-62.8	22.	0.0000	0.0000	0.3269	333.0	25.4
9618.	239.2	-48.5	37.7	37.7	-63.2	21.	0.0000	0.0000	0.3230	333.0	25.3
9661.	236.7	-48.7	37.7	37.7	-63.6	20.	0.0000				

HEIGHT (M)	PRES (MP)	T (C)	THETA (C)	THETA (C)	REN POINT (C)	REL HUM (%)	F (M)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
981.3	257.4	-5.7	47.3	47.3	-61.4	47.	0.0	0.00992	0.4124	99.0	57.9
985.5	257.1	-5.7	47.3	47.3	-61.4	47.	0.0	0.00993	0.4096	99.0	58.0
989.7	256.8	-5.7	47.3	47.3	-61.4	47.	0.0	0.00994	0.4068	99.0	58.1
993.9	256.5	-5.7	47.3	47.3	-61.4	47.	0.0	0.00995	0.4040	99.0	58.2
1000.0	256.2	-5.7	47.3	47.3	-61.4	47.	0.0	0.00996	0.4012	99.0	58.3
1006.1	255.9	-5.7	47.3	47.3	-61.4	47.	0.0	0.00997	0.3984	99.0	58.4
1012.2	255.6	-5.7	47.3	47.3	-61.4	47.	0.0	0.00998	0.3956	99.0	58.5
1018.3	255.3	-5.7	47.3	47.3	-61.4	47.	0.0	0.00999	0.3928	99.0	58.6
1024.4	255.0	-5.7	47.3	47.3	-61.4	47.	0.0	0.01000	0.3900	99.0	58.7
1030.5	254.7	-5.7	47.3	47.3	-61.4	47.	0.0	0.01001	0.3872	99.0	58.8
1036.6	254.4	-5.7	47.3	47.3	-61.4	47.	0.0	0.01002	0.3844	99.0	58.9
1042.7	254.1	-5.7	47.3	47.3	-61.4	47.	0.0	0.01003	0.3816	99.0	59.0
1048.8	253.8	-5.7	47.3	47.3	-61.4	47.	0.0	0.01004	0.3788	99.0	59.1
1054.9	253.5	-5.7	47.3	47.3	-61.4	47.	0.0	0.01005	0.3760	99.0	59.2
1061.0	253.2	-5.7	47.3	47.3	-61.4	47.	0.0	0.01006	0.3732	99.0	59.3
1067.1	252.9	-5.7	47.3	47.3	-61.4	47.	0.0	0.01007	0.3704	99.0	59.4
1073.2	252.6	-5.7	47.3	47.3	-61.4	47.	0.0	0.01008	0.3676	99.0	59.5
1079.3	252.3	-5.7	47.3	47.3	-61.4	47.	0.0	0.01009	0.3648	99.0	59.6
1085.4	252.0	-5.7	47.3	47.3	-61.4	47.	0.0	0.01010	0.3620	99.0	59.7
1091.5	251.7	-5.7	47.3	47.3	-61.4	47.	0.0	0.01011	0.3592	99.0	59.8
1097.6	251.4	-5.7	47.3	47.3	-61.4	47.	0.0	0.01012	0.3564	99.0	59.9
1103.7	251.1	-5.7	47.3	47.3	-61.4	47.	0.0	0.01013	0.3536	99.0	60.0
1109.8	250.8	-5.7	47.3	47.3	-61.4	47.	0.0	0.01014	0.3508	99.0	60.1
1115.9	250.5	-5.7	47.3	47.3	-61.4	47.	0.0	0.01015	0.3480	99.0	60.2
1122.0	250.2	-5.7	47.3	47.3	-61.4	47.	0.0	0.01016	0.3452	99.0	60.3
1128.1	249.9	-5.7	47.3	47.3	-61.4	47.	0.0	0.01017	0.3424	99.0	60.4
1134.2	249.6	-5.7	47.3	47.3	-61.4	47.	0.0	0.01018	0.3396	99.0	60.5
1140.3	249.3	-5.7	47.3	47.3	-61.4	47.	0.0	0.01019	0.3368	99.0	60.6
1146.4	249.0	-5.7	47.3	47.3	-61.4	47.	0.0	0.01020	0.3340	99.0	60.7
1152.5	248.7	-5.7	47.3	47.3	-61.4	47.	0.0	0.01021	0.3312	99.0	60.8
1158.6	248.4	-5.7	47.3	47.3	-61.4	47.	0.0	0.01022	0.3284	99.0	60.9
1164.7	248.1	-5.7	47.3	47.3	-61.4	47.	0.0	0.01023	0.3256	99.0	61.0
1170.8	247.8	-5.7	47.3	47.3	-61.4	47.	0.0	0.01024	0.3228	99.0	61.1
1176.9	247.5	-5.7	47.3	47.3	-61.4	47.	0.0	0.01025	0.3200	99.0	61.2
1183.0	247.2	-5.7	47.3	47.3	-61.4	47.	0.0	0.01026	0.3172	99.0	61.3
1189.1	246.9	-5.7	47.3	47.3	-61.4	47.	0.0	0.01027	0.3144	99.0	61.4
1195.2	246.6	-5.7	47.3	47.3	-61.4	47.	0.0	0.01028	0.3116	99.0	61.5
1201.3	246.3	-5.7	47.3	47.3	-61.4	47.	0.0	0.01029	0.3088	99.0	61.6
1207.4	246.0	-5.7	47.3	47.3	-61.4	47.	0.0	0.01030	0.3060	99.0	61.7
1213.5	245.7	-5.7	47.3	47.3	-61.4	47.	0.0	0.01031	0.3032	99.0	61.8
1219.6	245.4	-5.7	47.3	47.3	-61.4	47.	0.0	0.01032	0.3004	99.0	61.9
1225.7	245.1	-5.7	47.3	47.3	-61.4	47.	0.0	0.01033	0.2976	99.0	62.0
1231.8	244.8	-5.7	47.3	47.3	-61.4	47.	0.0	0.01034	0.2948	99.0	62.1
1237.9	244.5	-5.7	47.3	47.3	-61.4	47.	0.0	0.01035	0.2920	99.0	62.2
1244.0	244.2	-5.7	47.3	47.3	-61.4	47.	0.0	0.01036	0.2892	99.0	62.3
1250.1	243.9	-5.7	47.3	47.3	-61.4	47.	0.0	0.01037	0.2864	99.0	62.4
1256.2	243.6	-5.7	47.3	47.3	-61.4	47.	0.0	0.01038	0.2836	99.0	62.5
1262.3	243.3	-5.7	47.3	47.3	-61.4	47.	0.0	0.01039	0.2808	99.0	62.6
1268.4	243.0	-5.7	47.3	47.3	-61.4	47.	0.0	0.01040	0.2780	99.0	62.7
1274.5	242.7	-5.7	47.3	47.3	-61.4	47.	0.0	0.01041	0.2752	99.0	62.8
1280.6	242.4	-5.7	47.3	47.3	-61.4	47.	0.0	0.01042	0.2724	99.0	62.9
1286.7	242.1	-5.7	47.3	47.3	-61.4	47.	0.0	0.01043	0.2696	99.0	63.0
1292.8	241.8	-5.7	47.3	47.3	-61.4	47.	0.0	0.01044	0.2668	99.0	63.1
1298.9	241.5	-5.7	47.3	47.3	-61.4	47.	0.0	0.01045	0.2640	99.0	63.2
1305.0	241.2	-5.7	47.3	47.3	-61.4	47.	0.0	0.01046	0.2612	99.0	63.3
1311.1	240.9	-5.7	47.3	47.3	-61.4	47.	0.0	0.01047	0.2584	99.0	63.4
1317.2	240.6	-5.7	47.3	47.3	-61.4	47.	0.0	0.01048	0.2556	99.0	63.5
1323.3	240.3	-5.7	47.3	47.3	-61.4	47.	0.0	0.01049	0.2528	99.0	63.6
1329.4	240.0	-5.7	47.3	47.3	-61.4	47.	0.0	0.01050	0.2500	99.0	63.7
1335.5	239.7	-5.7	47.3	47.3	-61.4	47.	0.0	0.01051	0.2472	99.0	63.8
1341.6	239.4	-5.7	47.3	47.3	-61.4	47.	0.0	0.01052	0.2444	99.0	63.9
1347.7	239.1	-5.7	47.3	47.3	-61.4	47.	0.0	0.01053	0.2416	99.0	64.0
1353.8	238.8	-5.7	47.3	47.3	-61.4	47.	0.0	0.01054	0.2388	99.0	64.1
1359.9	238.5	-5.7	47.3	47.3	-61.4	47.	0.0	0.01055	0.2360	99.0	64.2
1366.0	238.2	-5.7	47.3	47.3	-61.4	47.	0.0	0.01056	0.2332	99.0	64.3
1372.1	237.9	-5.7	47.3	47.3	-61.4	47.	0.0	0.01057	0.2304	99.0	64.4
1378.2	237.6	-5.7	47.3	47.3	-61.4	47.	0.0	0.01058	0.2276	99.0	64.5
1384.3	237.3	-5.7	47.3	47.3	-61.4	47.	0.0	0.01059	0.2248	99.0	64.6
1390.4	237.0	-5.7	47.3	47.3	-61.4	47.	0.0	0.01060	0.2220	99.0	64.7
1396.5	236.7	-5.7	47.3	47.3	-61.4	47.	0.0	0.01061	0.2192	99.0	64.8
1402.6	236.4	-5.7	47.3	47.3	-61.4	47.	0.0	0.01062	0.2164	99.0	64.9
1408.7	236.1	-5.7	47.3	47.3	-61.4	47.	0.0	0.01063	0.2136	99.0	65.0
1414.8	235.8	-5.7	47.3	47.3	-61.4	47.	0.0	0.01064	0.2108	99.0	65.1
1420.9	235.5	-5.7	47.3	47.3	-61.4	47.	0.0	0.01065	0.2080	99.0	65.2
1427.0	235.2	-5.7	47.3	47.3	-61.4	47.	0.0	0.01066	0.2052	99.0	65.3
1433.1	234.9	-5.7	47.3	47.3	-61.4	47.	0.0	0.01067	0.2024	99.0	65.4
1439.2	234.6	-5.7	47.3	47.3	-61.4	47.	0.0	0.01068	0.1996	99.0	65.5
1445.3	234.3	-5.7	47.3	47.3	-61.4	47.	0.0	0.01069	0.1968	99.0	65.6
1451.4	234.0	-5.7	47.3	47.3	-61.4	47.	0.0	0.01070	0.1940	99.0	65.7
1457.5	233.7	-5.7	47.3	47.3	-61.4	47.	0.0	0.01071	0.1912	99.0	65.8
1463.6	233.4	-5.7	47.3	47.3	-61.4	47.	0.0	0.01072	0.1884	99.0	65.9
1469.7	233.1	-5.7	47.3	47.3	-61.4	47.	0.0	0.01073	0.1856	99.0	66.0
1475.8	232.8	-5.7	47.3	47.3	-61.4	47.	0.0	0.01074	0.1828	99.0	66.1
1481.9	232.5	-5.7	47.3	47.3	-61.4	47.	0.0	0.01075	0.1800	99.0	66.2
1488.0	232.2	-5.7	47.3	47.3	-61.4	47.	0.0	0.01076	0.1772	99.0	66.3
1494.1	231.9	-5.7	47.3	47.3	-61.4	47.	0.0	0.01077	0.1744	99.0	66.4
1500.2	231.6	-5.7	47.3	47.3	-61.4	47.	0.0	0.01078	0.1716	99.0	66.5
1506.3	231.3	-5.7	47.3	47.3	-61.4	47.	0.0	0.01079	0.1688	99.0	66.6
1512.4	231.0	-5.7	47.3	47.3	-61.4	47.	0.0	0.01080	0.1660	99.0	66.7
1518.5	230.7	-5.7	47.3	47.3	-61.4	47.	0.0	0.01081	0.1632	99.0	66.8
1524.6	230.4	-5.7	47.3	47.3	-61.4	47.	0.0	0.01082	0.1604	99.0	66.9
1530.7	230.1	-5.7	47.3	47.3	-61.4	47.	0.0	0.01083	0.1576	99.0	67.0
1536.8	229.8	-5.7	47.3	47.3	-61.4	47.	0.0	0.01084	0.1548	99.0	67.1
1542.9	229.5	-5.7	47.3	47.3	-61.4	47.	0.0	0.01085	0.1520	99.0	67.2
1549.0	229.2	-5.7	47.3	47.3	-61.4	47.	0.0	0.01086	0.1492	99.0	67.3
1555.1	228.9	-5.7	47.3	47.3	-61.4	47.	0.0	0.01087	0.1464	99.0	67.4
1561.2	228.6	-5.7	47.3	47.3	-61.4	47.	0.0	0.01088	0.1436	99.0	67.5
1567.3	228.3	-5.7	47.3	47.3	-61.4	47.	0.0	0.01089	0.1408	99.0	67.6
1573.4	228.0	-5.7	47.3	47.3	-61.4	47.	0.0	0.01090	0.1380	99.0	67.7
1579.5	227.7	-5.7	47.3	47.3	-61.4	47.	0.0	0.01091	0.1352	99.0	67.8
1585.6	227.4	-5.7	47.3	47.3	-61.4	47.	0.0	0.01092	0.1324	99.0	67.9
1591.7	227.1	-5.7	47.3	47.3	-61.4	47.	0.0	0.01093	0.1296	99.0	68.0
1597.8	226.8	-5.7	47.3	47.3	-61.4	47.	0.0	0.01094	0.1268	99.0	68.1
1603.9	226.5	-5.7	47.3	47.3	-61.4	47.	0.0	0.01095	0.1240	99.0	68.2
1610.0	226.2	-5.7	47.3	47.3							

HEIGHT (F)	PRES (44)	T (C)	THETA (C)	THETA V (C)	DEP POINT (C)	REL HUM (%)	E (MM)	1E+3*RH0W (G/M+1)	RH0 (MG/M+1)	D1R (DEG)	SPEED (K/5)
14365.	123.5	-60.6	113.1	113.1	-89.8	1.	0.0001	0.0001	0.2024	281.0	44.2
14426.	122.7	-60.6	113.8	113.8	-89.8	1.	0.0001	0.0001	0.2011	282.0	44.4
14471.	121.8	-60.6	114.7	114.7	-89.8	1.	0.0001	0.0001	0.1996	281.3	44.3
14512.	121.3	-60.6	115.4	115.4	-89.8	1.	0.0001	0.0001	0.1983	282.6	44.0
14553.	120.2	-60.6	116.1	116.1	-89.8	1.	0.0001	0.0001	0.1970	281.0	43.9
14599.	119.4	-60.6	116.9	116.9	-89.8	1.	0.0001	0.0001	0.1957	281.0	43.5
14627.	118.6	-60.6	117.6	117.6	-89.8	1.	0.0001	0.0001	0.1944	281.0	43.1
14674.	117.5	-60.6	118.5	118.5	-89.8	1.	0.0001	0.0001	0.1931	281.0	42.6
14716.	117.3	-60.6	119.4	119.4	-89.8	1.	0.0001	0.0001	0.1917	281.0	42.1
14758.	116.3	-60.6	120.1	120.1	-89.8	1.	0.0001	0.0001	0.1903	280.0	41.8
14801.	115.5	-60.6	121.1	121.1	-89.8	1.	0.0001	0.0001	0.1891	280.0	41.5
14844.	114.7	-60.6	122.2	122.2	-89.7	1.	0.0001	0.0001	0.1879	280.0	41.3
14888.	114.0	-60.6	123.2	123.2	-89.7	1.	0.0001	0.0001	0.1868	280.0	41.2
14926.	113.2	-60.6	124.1	124.1	-89.6	1.	0.0001	0.0001	0.1854	279.0	41.1
14971.	112.4	-60.6	125.0	125.0	-89.6	1.	0.0001	0.0001	0.1838	279.0	40.7
15016.	111.7	-60.6	125.9	125.9	-89.6	1.	0.0001	0.0001	0.1824	279.0	40.8
15054.	110.9	-60.6	126.6	126.6	-89.5	1.	0.0001	0.0001	0.1810	279.0	40.8
15100.	110.1	-60.6	127.5	127.5	-89.5	1.	0.0001	0.0001	0.1798	279.0	40.8
15139.	109.4	-60.6	128.4	128.4	-89.5	1.	0.0001	0.0001	0.1785	279.0	40.8
15187.	108.6	-60.6	129.3	129.3	-89.5	1.	0.0001	0.0001	0.1772	279.0	40.8
15233.	107.7	-60.6	130.0	130.0	-89.5	1.	0.0001	0.0001	0.1756	279.0	40.9
15277.	107.1	-60.6	130.8	130.8	-89.5	1.	0.0001	0.0001	0.1743	279.0	41.0
15324.	106.3	-60.6	131.4	131.4	-89.5	1.	0.0001	0.0001	0.1728	279.0	41.1
15369.	105.5	-60.6	132.4	132.4	-89.5	1.	0.0001	0.0001	0.1715	279.0	41.4
15415.	104.7	-60.6	133.5	133.5	-89.5	1.	0.0001	0.0001	0.1702	279.0	41.2
15459.	103.9	-60.6	134.6	134.6	-89.5	1.	0.0001	0.0001	0.1687	279.0	41.3
15502.	103.2	-60.6	135.6	135.6	-89.5	1.	0.0001	0.0001	0.1674	279.0	41.2
15548.	102.4	-60.6	136.7	136.7	-89.5	1.	0.0001	0.0001	0.1660	279.0	41.2
15593.	101.7	-60.6	137.7	137.7	-89.5	1.	0.0001	0.0001	0.1648	279.0	41.1
15637.	101.1	-60.6	138.8	138.8	-89.5	1.	0.0001	0.0001	0.1638	279.0	41.1
15682.	100.4	-60.6	139.9	139.9	-89.5	1.	0.0001	0.0001	0.1628	279.0	41.1
15718.	99.7	-60.6	141.1	141.1	-89.5	1.	0.0001	0.0001	0.1615	279.0	41.1
15765.	98.9	-60.6	142.2	142.2	-89.5	1.	0.0001	0.0001	0.1603	279.0	41.1
15811.	98.1	-60.6	143.3	143.3	-89.5	1.	0.0001	0.0001	0.1593	279.0	41.1
15847.	97.4	-60.6	144.4	144.4	-89.5	1.	0.0001	0.0001	0.1582	279.0	41.1
15884.	96.7	-60.6	145.5	145.5	-89.5	1.	0.0001	0.0001	0.1571	279.0	41.1
15929.	95.9	-60.6	146.6	146.6	-89.5	1.	0.0001	0.0001	0.1562	279.0	41.1
15977.	95.1	-60.6	147.7	147.7	-89.5	1.	0.0001	0.0001	0.1551	279.0	41.1
16019.	94.4	-60.6	148.8	148.8	-89.5	1.	0.0001	0.0001	0.1542	279.0	41.1
16066.	93.6	-60.6	149.9	149.9	-89.5	1.	0.0001	0.0001	0.1531	279.0	41.1
16112.	92.9	-60.6	151.1	151.1	-89.5	1.	0.0001	0.0001	0.1520	279.0	41.1
16158.	92.1	-60.6	152.2	152.2	-89.5	1.	0.0001	0.0001	0.1510	279.0	41.1
16204.	91.4	-60.6	153.3	153.3	-89.5	1.	0.0001	0.0001	0.1498	279.0	41.1
16249.	90.7	-60.6	154.4	154.4	-89.5	1.	0.0001	0.0001	0.1488	279.0	41.1
16295.	89.9	-60.6	155.5	155.5	-89.5	1.	0.0001	0.0001	0.1482	279.0	41.1
16341.	89.2	-60.6	156.6	156.6	-89.5	1.	0.0001	0.0001	0.1467	279.0	41.1
16387.	88.4	-60.6	157.7	157.7	-89.5	1.	0.0001	0.0001	0.1454	279.0	41.1
16433.	87.7	-60.6	158.8	158.8	-89.5	1.	0.0001	0.0001	0.1443	279.0	41.1
16479.	86.9	-60.6	159.9	159.9	-89.5	1.	0.0001	0.0001	0.1432	279.0	41.1
16525.	86.2	-60.6	161.1	161.1	-89.5	1.	0.0001	0.0001	0.1420	279.0	41.1
16571.	85.4	-60.6	162.2	162.2	-89.5	1.	0.0001	0.0001	0.1410	279.0	41.1
16617.	84.7	-60.6	163.3	163.3	-89.5	1.	0.0001	0.0001	0.1400	279.0	41.1
16663.	83.9	-60.6	164.4	164.4	-89.5	1.	0.0001	0.0001	0.1389	279.0	41.1
16709.	83.2	-60.6	165.5	165.5	-89.5	1.	0.0001	0.0001	0.1376	279.0	41.1
16755.	82.4	-60.6	166.6	166.6	-89.5	1.	0.0001	0.0001	0.1364	279.0	41.1
16801.	81.7	-60.6	167.7	167.7	-89.5	1.	0.0001	0.0001	0.1354	279.0	41.1
16847.	80.9	-60.6	168.8	168.8	-89.5	1.	0.0001	0.0001	0.1344	279.0	41.1
16893.	80.2	-60.6	169.9	169.9	-89.5	1.	0.0001	0.0001	0.1335	279.0	41.1
16939.	79.4	-60.6	171.1	171.1	-89.5	1.	0.0001	0.0001	0.1326	279.0	41.1
16985.	78.7	-60.6	172.2	172.2	-89.5	1.	0.0001	0.0001	0.1317	279.0	41.1
17031.	77.9	-60.6	173.3	173.3	-89.5	1.	0.0001	0.0001	0.1309	279.0	41.1
17077.	77.2	-60.6	174.4	174.4	-89.5	1.	0.0001	0.0001	0.1299	279.0	41.1
17123.	76.4	-60.6	175.5	175.5	-89.5	1.	0.0001	0.0001	0.1275	279.0	41.1
17169.	75.7	-60.6	176.6	176.6	-89.5	1.	0.0001	0.0001	0.1261	279.0	41.1
17215.	74.9	-60.6	177.7	177.7	-89.5	1.	0.0001	0.0001	0.1253	279.0	41.1
17261.	74.2	-60.6	178.8	178.8	-89.5	1.	0.0001	0.0001	0.1244	279.0	41.1
17307.	73.4	-60.6	179.9	179.9	-89.5	1.	0.0001	0.0001	0.1237	279.0	41.1
17353.	72.7	-60.6	181.1	181.1	-89.5	1.	0.0001	0.0001	0.1230	279.0	41.1
17399.	71.9	-60.6	182.2	182.2	-89.5	1.	0.0001	0.0001	0.1222	279.0	41.1
17445.	71.2	-60.6	183.3	183.3	-89.5	1.	0.0001	0.0001	0.1215	279.0	41.1
17491.	70.4	-60.6	184.4	184.4	-89.5	1.	0.0001	0.0001	0.1207	279.0	41.1
17537.	69.7	-60.6	185.5	185.5	-89.5	1.	0.0001	0.0001	0.1198	279.0	41.1
17583.	68.9	-60.6	186.6	186.6	-89.5	1.	0.0001	0.0001	0.1179	279.0	41.1
17629.	68.2	-60.6	187.7	187.7	-89.5	1.	0.0001	0.0001	0.1170	279.0	41.1
17675.	67.4	-60.6	188.8	188.8	-89.5	1.	0.0001	0.0001	0.1160	279.0	41.1
17721.	66.7	-60.6	189.9	189.9	-89.5	1.	0.0001	0.0001	0.1149	279.0	41.1
17767.	65.9	-60.6	191.1	191.1	-89.5	1.	0.0001	0.0001	0.1139	279.0	41.1
17813.	65.2	-60.6	192.2	192.2	-89.5	1.	0.0001	0.0001	0.1129	279.0	41.1
17859.	64.4	-60.6	193.3	193.3	-89.5	1.	0.0001	0.0001	0.1118	279.0	41.1
17905.	63.7	-60.6	194.4	194.4	-89.5	1.	0.0001	0.0001	0.1108	279.0	41.1
17951.	62.9	-60.6	195.5	195.5	-89.5	1.	0.0001	0.0001	0.1094	279.0	41.1
17997.	62.2	-60.6	196.6	196.6	-89.5	1.	0.0001	0.0001	0.1081	279.0	41.1
18043.	61.4	-60.6	197.7	197.7	-89.5	1.	0.0001	0.0001	0.1070	279.0	41.1
18089.	60.7	-60.6	198.8	198.8	-89.5	1.	0.0001	0.0001	0.1060	279.0	41.1
18135.	59.9	-60.6	199.9	199.9	-89.5	1.	0.0001	0.0001	0.1051	279.0	41.1
18181.	59.2	-60.6	201.1	201.1	-89.5	1.	0.0001	0.0001	0.1044	279.0	41.1
18227.	58.4	-60.6	202.2	202.2	-89.5	1.	0.0001	0.0001	0.1033	279.0	41.1
18273.	57.7	-60.6	203.3	203.3	-89.5	1.	0.0001	0.0001	0.1022	279.0	41.1
18319.	56.9	-60.6	204.4	204.4	-89.5	1.	0.0001	0.0001	0.1011	279.0	41.1
18365.	56.2	-60.6	205.5	205.5	-89.5	1.	0.0001	0.0001	0.1001	279.0	41.1
18411.	55.4	-60.6	206.6	206.6	-89.5	1.	0.0001	0.0001	0.0991	279.0	41.1
18457.	54.7	-60.6	207.7	207.7	-89.5	1.	0.0001	0.0001	0.0985	279.0	41.1
18503.	53.9	-60.6	208.8	208.8	-89.5	1.	0.0001	0.0001	0.0978	279.0	41.1
18549.	53.2	-60.6	209.9	209.9	-89.5	1.	0.0001	0.0001	0.0969	279.0	41.1
18595.	52.4	-60.6	211.1	211.1	-89.5	1.	0.0001	0.0001	0.0957	279.0	41.1
18641.	51.7	-60.6	212.2	212.2	-89.5	1.	0.0001	0.0001	0.0946	279.0	41.1
18687.	50.9	-60.6	213.3	213.3	-89.5	1.	0.0001	0.0001	0.0930	279.0	41.1
18733.	50.2	-60.6	214.4	214.4	-89.5	1.	0.0001	0.0001	0.0914	279.0	41.1
18779.	49.4	-60.6	215.5	215.5	-89.5	1.	0.0001	0.0001	0.0898	279.0	41.1
18825.	48.7	-60.6	216.6	216.6	-89.5	1.	0.0001	0.0001	0.0885	279.0	41.1
18871.	47.9	-60.6	217.7	217.7	-89.5	1.	0.0001	0.0001	0.0872	279.0	41.1
18917.	47.2	-60.6	218.8	218.8	-89						

HEIGHT (M)	PRES (MM)	T (C)	THE TA (C)	THE TAV (C)	DEW POINT (C)	REL HUM (%)	P (MM)	1E+3+RH0V (G/M+3)	RH0 (KG/M+3)	DIR (DEG)	SPEED (M/S)
3845.	885.1	-5.4	4.8	15.2	-13.6	66.	1.6465	1.5432	0.9200	321.0	12.2
3870.	884.6	-5.4	4.8	15.2	-13.6	66.	1.6465	1.5432	0.9163	321.0	12.2
3894.	884.1	-5.4	4.8	15.2	-13.6	67.	1.6478	1.5456	0.9130	321.0	12.3
3918.	883.6	-5.4	4.8	15.2	-13.6	68.	1.6491	1.5480	0.9093	321.0	12.3
3942.	883.1	-5.4	4.8	15.2	-13.6	69.	1.6504	1.5504	0.9056	321.0	11.9
3966.	882.6	-5.4	4.8	15.2	-13.6	70.	1.6517	1.5528	0.9019	321.0	11.8
3990.	882.1	-5.4	4.8	15.2	-13.6	71.	1.6530	1.5552	0.8982	321.0	11.8
4014.	881.6	-5.4	4.8	15.2	-13.6	72.	1.6543	1.5576	0.8945	321.0	11.4
4038.	881.1	-5.4	4.8	15.2	-13.6	73.	1.6556	1.5600	0.8908	321.0	11.4
4062.	880.6	-5.4	4.8	15.2	-13.6	74.	1.6569	1.5624	0.8871	321.0	11.2
4086.	880.1	-5.4	4.8	15.2	-13.6	75.	1.6582	1.5648	0.8834	321.0	11.1
4110.	879.6	-5.4	4.8	15.2	-13.6	76.	1.6595	1.5672	0.8797	321.0	10.7
4134.	879.1	-5.4	4.8	15.2	-13.6	77.	1.6608	1.5696	0.8760	321.0	10.7
4158.	878.6	-5.4	4.8	15.2	-13.6	78.	1.6621	1.5720	0.8723	321.0	10.6
4182.	878.1	-5.4	4.8	15.2	-13.6	79.	1.6634	1.5744	0.8686	321.0	10.6
4206.	877.6	-5.4	4.8	15.2	-13.6	80.	1.6647	1.5768	0.8649	321.0	10.6
4230.	877.1	-5.4	4.8	15.2	-13.6	81.	1.6660	1.5792	0.8612	321.0	10.6
4254.	876.6	-5.4	4.8	15.2	-13.6	82.	1.6673	1.5816	0.8575	321.0	10.6
4278.	876.1	-5.4	4.8	15.2	-13.6	83.	1.6686	1.5840	0.8538	321.0	10.6
4302.	875.6	-5.4	4.8	15.2	-13.6	84.	1.6699	1.5864	0.8501	321.0	10.6
4326.	875.1	-5.4	4.8	15.2	-13.6	85.	1.6712	1.5888	0.8464	321.0	10.6
4350.	874.6	-5.4	4.8	15.2	-13.6	86.	1.6725	1.5912	0.8427	321.0	10.6
4374.	874.1	-5.4	4.8	15.2	-13.6	87.	1.6738	1.5936	0.8390	321.0	10.6
4398.	873.6	-5.4	4.8	15.2	-13.6	88.	1.6751	1.5960	0.8353	321.0	10.6
4422.	873.1	-5.4	4.8	15.2	-13.6	89.	1.6764	1.5984	0.8316	321.0	10.6
4446.	872.6	-5.4	4.8	15.2	-13.6	90.	1.6777	1.6008	0.8279	321.0	10.6
4470.	872.1	-5.4	4.8	15.2	-13.6	91.	1.6790	1.6032	0.8242	321.0	10.6
4494.	871.6	-5.4	4.8	15.2	-13.6	92.	1.6803	1.6056	0.8205	321.0	10.6
4518.	871.1	-5.4	4.8	15.2	-13.6	93.	1.6816	1.6080	0.8168	321.0	10.6
4542.	870.6	-5.4	4.8	15.2	-13.6	94.	1.6829	1.6104	0.8131	321.0	10.6
4566.	870.1	-5.4	4.8	15.2	-13.6	95.	1.6842	1.6128	0.8094	321.0	10.6
4590.	869.6	-5.4	4.8	15.2	-13.6	96.	1.6855	1.6152	0.8057	321.0	10.6
4614.	869.1	-5.4	4.8	15.2	-13.6	97.	1.6868	1.6176	0.8020	321.0	10.6
4638.	868.6	-5.4	4.8	15.2	-13.6	98.	1.6881	1.6200	0.7983	321.0	10.6
4662.	868.1	-5.4	4.8	15.2	-13.6	99.	1.6894	1.6224	0.7946	321.0	10.6
4686.	867.6	-5.4	4.8	15.2	-13.6	100.	1.6907	1.6248	0.7909	321.0	10.6

SOUNDING 10-19-81
 LATITUDE 34.0
 DATE 10-19-81
 NUMBER OF LEVELS 100
 LONGITUDE -124.0
 TIME 1241 GMT

HEIGHT (M)	PRES (MM)	T (C)	THE TA (C)	THE TAV (C)	DEW POINT (C)	REL HUM (%)	P (MM)	1E+3+RH0V (G/M+3)	RH0 (KG/M+3)	DIR (DEG)	SPEED (M/S)
0.	897.6	2.4	2.0	2.7	-0.2	95.	6.0454	4.7993	1.2534	20.0	8.0
10.	896.7	1.5	4.7	4.7	-0.3	92.	6.2015	4.9846	1.2337	11.0	10.4
20.	895.8	0.6	6.1	6.1	-0.5	88.	6.3577	5.4091	1.2142	4.0	13.0
30.	894.9	-0.3	7.4	7.4	-0.7	83.	6.5138	5.9996	1.1935	1.0	14.5
40.	894.0	-1.2	8.7	8.7	-0.9	78.	6.6700	6.7987	1.1730	358.0	15.1
50.	893.1	-2.1	10.0	10.0	-1.1	72.	6.8261	7.8055	1.1501	358.0	14.7
60.	892.2	-3.0	11.3	11.3	-1.3	65.	6.9823	9.0187	1.1268	358.0	14.7
70.	891.3	-3.9	12.6	12.6	-1.5	57.	7.1384	10.4377	1.1025	358.0	15.0
80.	890.4	-4.8	13.9	13.9	-1.7	49.	7.2946	12.0667	1.0777	358.0	17.7
90.	889.5	-5.7	15.2	15.2	-1.9	40.	7.4507	13.9057	1.0525	358.0	17.7
100.	888.6	-6.6	16.5	16.5	-2.1	31.	7.6069	15.9546	1.0268	358.0	18.0
110.	887.7	-7.5	17.8	17.8	-2.3	22.	7.7630	18.2235	1.0006	358.0	18.1
120.	886.8	-8.4	19.1	19.1	-2.5	13.	7.9192	20.7124	0.9739	358.0	18.1
130.	885.9	-9.3	20.4	20.4	-2.7	4.	8.0753	23.4213	0.9467	358.0	18.2
140.	885.0	-10.2	21.7	21.7	-2.9	-5.	8.2315	26.3502	0.9190	358.0	18.2
150.	884.1	-11.1	23.0	23.0	-3.1	-12.	8.3876	29.5091	0.8908	358.0	19.0
160.	883.2	-12.0	24.3	24.3	-3.3	-19.	8.5438	32.8980	0.8621	358.0	19.0
170.	882.3	-12.9	25.6	25.6	-3.5	-26.	8.6999	36.5169	0.8329	358.0	20.0
180.	881.4	-13.8	26.9	26.9	-3.7	-33.	8.8561	40.3658	0.8032	358.0	21.4
190.	880.5	-14.7	28.2	28.2	-3.9	-40.	9.0122	44.4447	0.7730	358.0	23.0
200.	879.6	-15.6	29.5	29.5	-4.1	-47.	9.1684	48.7536	0.7423	358.0	24.4
210.	878.7	-16.5	30.8	30.8	-4.3	-54.	9.3245	53.2925	0.7111	358.0	26.0
220.	877.8	-17.4	32.1	32.1	-4.5	-61.	9.4807	58.0614	0.6794	358.0	27.5
230.	876.9	-18.3	33.4	33.4	-4.7	-68.	9.6368	63.0603	0.6471	358.0	29.0
240.	876.0	-19.2	34.7	34.7	-4.9	-75.	9.7930	68.2892	0.6143	358.0	30.4
250.	875.1	-20.1	36.0	36.0	-5.1	-82.	9.9491	73.7481	0.5810	358.0	31.7
260.	874.2	-21.0	37.3	37.3	-5.3	-89.	10.1053	79.4370	0.5472	358.0	32.9
270.	873.3	-21.9	38.6	38.6	-5.5	-96.	10.2614	85.3559	0.5129	358.0	34.0
280.	872.4	-22.8	39.9	39.9	-5.7	-103.	10.4176	91.5048	0.4781	358.0	34.6
290.	871.5	-23.7	41.2	41.2	-5.9	-110.	10.5737	97.8837	0.4428	358.0	34.6
300.	870.6	-24.6	42.5	42.5	-6.1	-117.	10.7299	104.4926	0.4070	358.0	34.6
310.	869.7	-25.5	43.8	43.8	-6.3	-124.	10.8860	111.3315	0.3707	358.0	34.6
320.	868.8	-26.4	45.1	45.1	-6.5	-131.	11.0422	118.3904	0.3339	358.0	34.6
330.	867.9	-27.3	46.4	46.4	-6.7	-138.	11.1983	125.6793	0.2966	358.0	34.6
340.	867.0	-28.2	47.7	47.7	-6.9	-145.	11.3545	133.1982	0.2589	358.0	34.6
350.	866.1	-29.1	49.0	49.0	-7.1	-152.	11.5106	140.9471	0.2207	358.0	34.6
360.	865.2	-30.0	50.3	50.3	-7.3	-159.	11.6668	148.9260	0.1820	358.0	34.6
370.	864.3	-30.9	51.6	51.6	-7.5	-166.	11.8229	157.1349	0.1428	358.0	34.6
380.	863.4	-31.8	52.9	52.9	-7.7	-173.	11.9791	165.5738	0.1031	358.0	34.6
390.	862.5	-32.7	54.2	54.2	-7.9	-180.	12.1352	174.2427	0.0629	358.0	34.6
400.	861.6	-33.6	55.5	55.5	-8.1	-187.	12.2914	183.1416	0.0222	358.0	34.6
410.	860.7	-34.5	56.8	56.8	-8.3	-194.	12.4475	192.2705	0.0000	358.0	34.6
420.	859.8	-35.4	58.1	58.1	-8.5	-201.	12.6037	201.6294	0.0000	358.0	34.6
430.	858.9	-36.3	59.4	59.4	-8.7	-208.	12.7598	211.2183	0.0000	358.0	34.6
440.	858.0	-37.2	60.7	60.7	-8.9	-215.	12.9160	221.0372	0.0000	358.0	34.6
450.	857.1	-38.1	62.0	62.0	-9.1	-222.	13.0721	231.0861	0.0000	358.0	34.6
460.	856.2	-39.0	63.3	63.3	-9.3	-229.	13.2283	241.3650	0.0000	358.0	34.6
470.	855.3	-39.9	64.6	64.6	-9.5	-236.	13.3844	251.8739	0.0000	358.0	34.6
480.	854.4	-40.8	65.9	65.9	-9.7	-243.	13.5406	262.6128	0.0000	358.0	34.6
490.	853.5	-41.7	67.2	67.2	-9.9	-250.	13.6967	273.5817	0.0000	358.0	34.6
500.	852.6	-42.6	68.5	68.5	-10.1	-257.	13.8529	284.7806	0.0000	358.0	34.6
510.	851.7	-43.5	69.8	69.8	-10.3	-264.	14.0090	296.2095	0.0000	358.0	34.6
520.	850.8	-44.4	71.1	71.1	-10.5	-271.	14.1652	307.8684	0.0000	358.0	34.6
530.	849.9	-45.3	72.4	72.4	-10.7	-278.	14.3213	319.7573	0.0000	358.0	34.6
540.	849.0	-46.2	73.7	73.7	-10.9	-285.	14.4775	331.8762	0.0000	358.0	34.6
550.	848.1	-47.1	75.0	75.0	-11.1	-292.	14.6336	344.2251	0.0000	358.0	34.6
560.	847.2	-48.0	76.3	76.3	-11.3	-299.	14.7898	356.8040	0.0000	358.0	34.6
570.	846.3	-48.9	77.6	77.6	-11.5	-306.	14.9459	369.6129	0.0000	358.0	34.6
580.	845.4	-49.8	78.9	78.9	-11.7	-313.	15.1021	382.6518	0.0000	358.0	34.6
590.	844.5	-50.7	80.2	80.2	-11.9	-320.	15.2582	395.9207	0.0000	358.0	34.6
600.	843.6	-51.6	81.5	81.5	-12.1	-327.	15.4144	409.4196	0.0000	358.0	34.6
610.	842.7	-52.5	82.8	82.8	-12.3	-334.	15.5705	423.1485	0.0000	358.0	34.6
620.	841.8	-53.4	84.1	84.1	-12.5	-341.	15.7267	437.1074	0.0000	358.0	34.6
630.	840.9	-54.3	85.4	85.4	-12.7	-348.	15.8828	451.2963	0.0000	358.0	34.6
640.	840.0	-55.2	86.7	86.7	-12.9	-355.	16.0390	46	0.0000	358.0	34.6

HEIGHT (FT)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3+RH0 (G/M+3)	RH0 (KG/M+3)	DIR (DEG)	SPEED (KTS)
8285	427.1	-48.0	41.0	41.0	-54.4	30.0	0.0017	0.00215	0.4995	357.0	27.7
8385	426.3	-48.0	41.0	41.0	-55.4	30.0	0.0019	0.00195	0.4934	357.0	27.7
8485	425.5	-47.4	41.0	41.0	-56.6	30.0	0.00171	0.00171	0.4878	357.0	27.7
8585	424.7	-47.4	41.0	41.0	-57.1	30.0	0.00156	0.00157	0.4826	357.0	27.7
8687	423.0	-47.4	41.0	41.0	-58.5	30.0	0.00143	0.00144	0.4774	357.0	27.7
8787	421.3	-47.4	41.0	41.0	-59.4	30.0	0.00114	0.00114	0.4726	357.0	27.7
8887	419.7	-47.4	41.0	41.0	-60.5	30.0	0.00104	0.00104	0.4674	357.0	27.7
8987	418.2	-47.4	41.0	41.0	-61.1	30.0	0.00094	0.00094	0.4616	357.0	27.7
9085	416.5	-47.4	41.0	41.0	-62.2	30.0	0.00086	0.00086	0.4570	357.0	27.7
9185	414.9	-47.4	41.0	41.0	-63.5	30.0	0.00076	0.00076	0.4516	357.0	27.7
9285	413.3	-47.4	41.0	41.0	-64.7	30.0	0.00068	0.00068	0.4462	357.0	27.7
9385	411.7	-47.4	41.0	41.0	-66.1	30.0	0.00058	0.00058	0.4408	357.0	27.7
9485	410.2	-47.4	41.0	41.0	-67.1	30.0	0.00051	0.00051	0.4353	357.0	27.7
9585	408.6	-47.4	41.0	41.0	-68.3	30.0	0.00044	0.00044	0.4299	357.0	27.7
9685	407.0	-47.4	41.0	41.0	-69.5	30.0	0.00038	0.00038	0.4244	357.0	27.7
9784	405.4	-47.4	41.0	41.0	-70.7	30.0	0.00031	0.00031	0.4189	357.0	27.7
9884	403.8	-47.4	41.0	41.0	-71.9	30.0	0.00025	0.00025	0.4134	357.0	27.7

SOUNDING 10.0
 LATITUDE -56.0 LONGITUDE 4.7
 DATE 10-24-61 TIME 1153 GMT
 NUMBER OF LEVELS 342

HEIGHT (FT)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3+RH0 (G/M+3)	RH0 (KG/M+3)	DIR (DEG)	SPEED (KTS)
0.	973.3	6.5	2.0	3.0	-0.1	91.0	5.9176	4.7328	1.2424	310.0	10.0
50.	967.2	-0.4	2.2	3.0	-1.7	90.0	5.3444	4.2663	1.2396	310.0	10.0
100.	961.7	-1.0	1.0	2.1	-2.0	90.0	4.8787	3.9096	1.2372	310.0	12.0
150.	956.2	-1.7	1.0	2.0	-2.0	91.0	4.8852	3.8885	1.2310	310.0	12.0
200.	951.2	-1.8	2.0	2.0	-3.1	91.0	4.7735	3.8249	1.2254	310.0	15.0
250.	945.7	-2.6	2.0	2.7	-3.0	91.0	4.6555	3.7361	1.2196	310.0	16.0
300.	940.5	-2.5	2.0	2.4	-3.7	90.0	4.4877	3.6089	1.2141	310.0	16.0
350.	935.5	-2.7	2.0	2.3	-4.0	90.0	4.4222	3.5513	1.2085	310.0	16.0
400.	930.0	-3.0	3.0	3.0	-4.1	90.0	4.3586	3.4946	1.2029	310.0	17.0
450.	925.0	-3.3	3.0	3.0	-4.1	90.0	4.3000	3.4465	1.1963	310.0	17.0
500.	919.1	-3.4	4.0	4.0	-4.6	89.0	4.1337	3.3748	1.1893	310.0	17.0
550.	913.1	-3.0	4.0	4.0	-4.6	89.0	4.1125	3.3206	1.1848	310.0	17.0
600.	907.5	-3.0	4.0	4.0	-4.4	89.0	4.1039	3.3174	1.1778	310.0	17.0
650.	896.6	-3.0	6.0	5.2	-4.4	89.0	4.0334	3.4294	1.1715	310.0	17.0
700.	891.8	-1.0	6.0	7.1	-3.7	90.0	4.4863	3.6083	1.1637	310.0	17.0
750.	887.1	-1.0	6.0	7.1	-3.1	91.0	4.7330	3.7955	1.1557	310.0	17.0
800.	882.4	-1.0	6.0	7.1	-2.3	92.0	4.9063	4.0554	1.1468	310.0	16.0
850.	877.1	-1.0	6.0	7.1	-1.1	91.0	5.5271	4.2688	1.1385	310.0	16.0
900.	872.4	-1.0	6.0	7.1	-1.0	90.0	5.2054	4.1976	1.1327	310.0	16.0
950.	867.4	-1.0	6.0	7.1	-1.0	90.0	5.2553	4.1976	1.1272	310.0	16.0
1000.	862.5	-1.0	6.0	7.1	-1.0	90.0	5.2119	4.1644	1.1221	310.0	16.0
1050.	857.5	-1.0	6.0	7.1	-1.0	90.0	5.2116	4.1643	1.1161	310.0	16.0
1100.	852.5	-1.0	6.0	7.1	-1.0	90.0	5.2116	4.1643	1.1101	310.0	16.0
1150.	847.5	-1.0	6.0	7.1	-1.0	90.0	5.2116	4.1643	1.1041	310.0	16.0
1200.	842.5	-1.0	6.0	7.1	-1.0	90.0	5.2116	4.1643	1.0981	310.0	16.0
1250.	837.5	-1.0	6.0	7.1	-1.0	90.0	5.2116	4.1643	1.0921	310.0	16.0
1300.	832.5	-1.0	6.0	7.1	-1.0	90.0	5.2116	4.1643	1.0861	310.0	16.0
1350.	827.5	-1.0	6.0	7.1	-1.0	90.0	5.2116	4.1643	1.0801	310.0	16.0
1400.	822.5	-1.0	6.0	7.1	-1.0	90.0	5.2116	4.1643	1.0741	310.0	16.0
1450.	817.5	-1.0	6.0	7.1	-1.0	90.0	5.2116	4.1643	1.0681	310.0	16.0
1500.	812.5	-1.0	6.0	7.1	-1.0	90.0	5.2116	4.1643	1.0621	310.0	16.0
1550.	807.5	-1.0	6.0	7.1	-1.0	90.0	5.2116	4.1643	1.0561	310.0	16.0
1600.	802.5	-1.0	6.0	7.1	-1.0	90.0	5.2116	4.1643	1.0501	310.0	16.0
1650.	797.5	-1.0	6.0	7.1	-1.0	90.0	5.2116	4.1643	1.0441	310.0	16.0
1700.	792.5	-1.0	6.0	7.1	-1.0	90.0	5.2116	4.1643	1.0381	310.0	16.0
1750.	787.5	-1.0	6.0	7.1	-1.0	90.0	5.2116	4.1643	1.0321	310.0	16.0
1800.	782.5	-1.0	6.0	7.1	-1.0	90.0	5.2116	4.1643	1.0261	310.0	16.0
1850.	777.5	-1.0	6.0	7.1	-1.0	90.0	5.2116	4.1643	1.0201	310.0	16.0
1900.	772.5	-1.0	6.0	7.1	-1.0	90.0	5.2116	4.1643	1.0141	310.0	16.0
1950.	767.5	-1.0	6.0	7.1	-1.0	90.0	5.2116	4.1643	1.0081	310.0	16.0
2000.	762.5	-1.0	6.0	7.1	-1.0	90.0	5.2116	4.1643	1.0021	310.0	16.0
2050.	757.5	-1.0	6.0	7.1	-1.0	90.0	5.2116	4.1643	0.9961	310.0	16.0
2100.	752.5	-1.0	6.0	7.1	-1.0	90.0	5.2116	4.1643	0.9901	310.0	16.0
2150.	747.5	-1.0	6.0	7.1	-1.0	90.0	5.2116	4.1643	0.9841	310.0	16.0
2200.	742.5	-1.0	6.0	7.1	-1.0	90.0	5.2116	4.1643	0.9781	310.0	16.0
2250.	737.5	-1.0	6.0	7.1	-1.0	90.0	5.2116	4.1643	0.9721	310.0	16.0
2300.	732.5	-1.0	6.0	7.1	-1.0	90.0	5.2116	4.1643	0.9661	310.0	16.0
2350.	727.5	-1.0	6.0	7.1	-1.0	90.0	5.2116	4.1643	0.9601	310.0	16.0
2400.	722.5	-1.0	6.0	7.1	-1.0	90.0	5.2116	4.1643	0.9541	310.0	16.0
2450.	717.5	-1.0	6.0	7.1	-1.0	90.0	5.2116	4.1643	0.9481	310.0	16.0
2500.	712.5	-1.0	6.0	7.1	-1.0	90.0	5.2116	4.1643	0.9421	310.0	16.0
2550.	707.5	-1.0	6.0	7.1	-1.0	90.0	5.2116	4.1643	0.9361	310.0	16.0
2600.	702.5	-1.0	6.0	7.1	-1.0	90.0	5.2116	4.1643	0.9301	310.0	16.0
2650.	697.5	-1.0	6.0	7.1	-1.0	90.0	5.2116	4.1643	0.9241	310.0	16.0
2700.	692.5	-1.0	6.0	7.1	-1.0	90.0	5.2116	4.1643	0.9181	310.0	16.0
2750.	687.5	-1.0	6.0	7.1	-1.0	90.0	5.2116	4.1643	0.9121	310.0	16.0
2800.	682.5	-1.0	6.0	7.1	-1.0	90.0	5.2116	4.1643	0.9061	310.0	16.0
2850.	677.5	-1.0	6.0	7.1	-1.0	90.0	5.2116	4.1643	0.9001	310.0	16.0
2900.	672.5	-1.0	6.0	7.1	-1.0	90.0	5.2116	4.1643	0.8941	310.0	16.0
2950.	667.5	-1.0	6.0	7.1	-1.0	90.0	5.2116	4.1643	0.8881	310.0	16.0
3000.	662.5	-1.0	6.0	7.1	-1.0	90.0	5.2116	4.1643	0.8821	310.0	16.0
3050.	657.5	-1.0	6.0	7.1	-1.0	90.0	5.2116	4.1643	0.8761	310.0	16.0
3100.	652.5	-1.0	6.0	7.1	-1.0	90.0	5.2116	4.1643	0.8701	310.0	16.0
3150.	647.5	-1.0	6.0	7.1	-1.0	90.0	5.2116	4.1643	0.8641	310.0	16.0
3200.	642.5	-1.0	6.0	7.1	-1.0	90.0	5.2116	4.1643	0.8581	310.0	16.0
3250.	637.5	-1.0	6.0	7.1	-1.0	90.0	5.2116	4.1643	0.8521	310.0	16.0
3300.	632.5	-1.0	6.0	7.1	-1.0	90.0	5.2116	4.1643	0.8461	310.0	16.0
3350.	627.5	-1.0	6.0	7.1	-1.0	90.0	5.2116	4.1643	0.8401	310.0	16.0

HEIGHT (M)	PRES (MM)	T (C)	THETA (C)	THETA V (C)	DEN POINT (C)	RFL HUM (C)	E (MM)	1E+3-RHOW (G/M+3)	RHO (KG/M+3)	DIR (DEG)	SPEED (K/M)
7494.	358.2	-40.8	38.4	38.4	-55.8	16.	0.0188	0.0188	2.5371	307.0	28.5
7532.	356.2	-41.1	38.5	38.5	-55.6	17.	0.0193	0.0192	2.5348	307.0	28.4
7568.	354.3	-41.4	38.5	38.6	-55.3	17.	0.0187	0.0186	2.5326	307.0	28.0
7604.	352.4	-41.8	38.5	38.5	-55.3	17.	0.0178	0.0178	2.5307	307.0	28.0
7645.	350.3	-42.2	38.5	38.5	-57.6	17.	0.0170	0.0170	2.5284	306.0	27.7
7685.	348.2	-43.0	38.5	38.5	-57.6	17.	0.0163	0.0163	2.5261	306.0	27.6
7730.	345.9	-43.3	38.5	38.5	-57.9	18.	0.0164	0.0165	2.5246	305.0	27.3
7773.	343.7	-43.3	38.6	38.6	-57.6	18.	0.0157	0.0157	2.5212	305.0	27.1
7818.	341.4	-43.3	38.6	38.6	-57.6	18.	0.0150	0.0150	2.5186	304.0	27.2
7861.	339.2	-44.2	38.6	38.6	-57.9	18.	0.0143	0.0144	2.5161	304.0	27.0
7905.	337.0	-44.6	38.7	38.7	-57.9	19.	0.0144	0.0145	2.5137	304.0	26.9
7948.	334.8	-45.1	38.6	38.6	-57.9	20.	0.0143	0.0144	2.5114	304.0	26.8
7993.	332.7	-45.5	38.6	38.6	-57.9	21.	0.0143	0.0144	2.5091	303.0	26.8
8032.	330.6	-45.8	38.7	38.7	-58.2	21.	0.0138	0.0139	2.5066	303.0	26.7
8071.	328.7	-46.2	38.7	38.7	-58.2	22.	0.0138	0.0139	2.5046	303.0	26.7
8109.	326.8	-46.7	38.5	38.5	-58.7	22.	0.0130	0.0131	2.5027	302.0	26.7
8150.	324.8	-47.2	38.4	38.4	-58.6	23.	0.0128	0.0129	2.5008	302.0	26.9
8191.	322.6	-47.6	38.4	38.4	-58.6	23.	0.0127	0.0128	2.4986	302.0	27.1
8227.	321.3	-47.7	38.5	38.5	-58.7	24.	0.0122	0.0124	2.4965	301.0	27.2
8262.	319.3	-48.0	38.5	38.5	-58.4	24.	0.0118	0.0120	2.4945	301.0	27.4
8302.	317.4	-48.6	38.5	38.5	-59.4	25.	0.0117	0.0119	2.4924	300.0	27.9
8341.	315.5	-49.1	38.3	38.3	-59.6	26.	0.0115	0.0116	2.4906	301.0	28.4
8380.	313.6	-49.9	38.6	38.6	-59.8	26.	0.0112	0.0114	2.4880	301.0	29.0
8418.	311.8	-49.6	38.7	38.7	-59.8	27.	0.0112	0.0114	2.4859	301.0	29.7
8460.	309.8	-49.9	39.0	39.0	-59.7	28.	0.0113	0.0115	2.4832	301.0	30.2
8502.	307.8	-49.9	39.4	39.4	-59.8	28.	0.0112	0.0114	2.4803	301.0	30.9
8545.	305.8	-49.9	40.1	40.2	-60.2	26.	0.0105	0.0107	2.4770	301.0	31.5
8588.	303.8	-49.7	40.9	40.9	-61.0	23.	0.0094	0.0096	2.4736	301.0	32.2
8631.	301.8	-49.9	41.2	41.2	-62.2	20.	0.0086	0.0088	2.4709	300.0	32.7
8674.	299.8	-50.0	41.6	41.6	-63.5	17.	0.0067	0.0069	2.4680	300.0	33.2
8716.	297.7	-50.0	42.1	42.1	-64.5	15.	0.0058	0.0061	2.4651	300.0	33.6
8753.	296.6	-50.0	42.4	42.4	-65.1	13.	0.0048	0.0051	2.4628	300.0	34.1
8791.	294.9	-50.0	43.0	43.0	-66.2	10.	0.0038	0.0041	2.4602	300.0	34.6
8828.	292.3	-50.0	43.3	43.3	-66.2	9.	0.0034	0.0036	2.4577	301.0	35.0
8866.	289.1	-50.0	43.9	43.9	-69.0	7.	0.0027	0.0028	2.4551	301.0	35.2
8903.	289.6	-50.0	44.1	44.1	-71.1	6.	0.0022	0.0024	2.4531	301.0	35.6
8934.	288.1	-50.0	44.4	44.4	-72.4	5.	0.0016	0.0020	2.4510	301.0	35.8
8970.	286.5	-50.0	44.7	44.7	-73.9	4.	0.0014	0.0016	2.4487	301.0	36.0
9006.	284.9	-50.0	45.3	45.3	-73.9	4.	0.0014	0.0016	2.4462	301.0	36.1
9041.	283.4	-50.0	45.7	45.7	-73.9	3.	0.0011	0.0012	2.4438	302.0	36.3
9077.	281.6	-50.0	46.3	46.3	-78.3	2.	0.0008	0.0009	2.4413	302.0	36.3
9110.	280.0	-50.0	46.7	46.7	-78.3	2.	0.0007	0.0008	2.4391	302.0	36.4
9142.	277.3	-50.0	47.3	47.3	-82.4	1.	0.0004	0.0005	2.4367	302.0	36.6
9177.	275.7	-50.0	47.8	47.8	-82.4	1.	0.0004	0.0005	2.4342	302.0	36.6
9215.	273.9	-50.0	48.5	48.5	-82.4	1.	0.0004	0.0005	2.4317	303.0	36.7
9253.	272.4	-50.0	49.0	49.0	-82.4	1.	0.0004	0.0005	2.4292	303.0	36.6
9289.	270.2	-50.0	49.5	49.5	-82.4	1.	0.0004	0.0005	2.4268	303.0	36.6
9322.	271.4	-50.0	49.8	49.8	-82.4	1.	0.0004	0.0005	2.4248	303.0	36.7
9358.	270.0	-50.0	50.2	50.2	-82.4	1.	0.0004	0.0005	2.4226	303.0	36.6
9387.	268.7	-50.0	50.9	50.9	-82.4	1.	0.0004	0.0005	2.4204	303.0	36.5
9424.	267.2	-50.0	51.3	51.3	-82.4	1.	0.0004	0.0005	2.4183	303.0	36.4
9458.	265.8	-50.0	51.6	51.6	-82.4	1.	0.0004	0.0005	2.4161	303.0	36.4
9497.	264.2	-50.0	52.0	52.0	-82.4	1.	0.0004	0.0005	2.4134	303.0	36.3
9537.	262.2	-50.0	53.3	53.3	-82.4	1.	0.0004	0.0005	2.4105	303.0	36.3
9576.	260.0	-50.0	54.0	54.0	-82.4	1.	0.0004	0.0005	2.4078	303.0	36.2
9614.	257.9	-50.0	54.7	54.7	-82.4	1.	0.0004	0.0005	2.4057	303.0	36.2
9648.	255.8	-50.0	55.1	55.1	-82.4	1.	0.0004	0.0005	2.4034	303.0	36.2
9685.	253.5	-50.0	55.4	55.4	-82.4	1.	0.0004	0.0005	2.4019	303.0	36.2
9711.	251.4	-50.0	56.3	56.3	-82.4	1.	0.0004	0.0005	2.3998	303.0	36.3
9751.	249.4	-50.0	56.8	56.8	-82.4	1.	0.0004	0.0005	2.3974	303.0	36.1
9784.	247.8	-50.0	57.3	57.3	-82.4	1.	0.0004	0.0005	2.3954	303.0	36.1
9820.	245.0	-50.0	57.6	57.6	-82.4	1.	0.0004	0.0005	2.3932	303.0	36.1
9854.	243.7	-50.0	58.5	58.5	-82.4	1.	0.0004	0.0005	2.3911	303.0	36.0
9891.	241.7	-50.0	59.0	59.0	-82.4	1.	0.0004	0.0005	2.3888	303.0	36.0
9930.	239.2	-50.0	59.6	59.6	-82.4	1.	0.0004	0.0005	2.3863	303.0	36.1
9962.	236.6	-50.0	60.0	60.0	-82.4	1.	0.0004	0.0005	2.3844	303.0	36.1
9994.	234.0	-50.0	60.6	60.6	-82.4	1.	0.0004	0.0005	2.3828	303.0	36.2
10026.	231.2	-50.0	61.1	61.1	-82.4	1.	0.0004	0.0005	2.3811	303.0	36.2
10068.	228.2	-50.0	61.5	61.5	-82.4	1.	0.0004	0.0005	2.3791	303.0	36.2
10109.	225.0	-50.0	61.7	61.7	-82.4	1.	0.0004	0.0005	2.3771	303.0	36.2
10150.	221.7	-50.0	62.3	62.3	-82.4	1.	0.0004	0.0005	2.3749	303.0	36.2
10191.	218.3	-50.0	62.7	62.7	-82.4	1.	0.0004	0.0005	2.3722	303.0	36.0
10232.	214.8	-50.0	63.3	63.3	-82.4	1.	0.0004	0.0005	2.3698	303.0	36.0
10273.	211.2	-50.0	64.6	64.6	-82.4	1.	0.0004	0.0005	2.3678	303.0	36.0
10314.	207.4	-50.0	65.3	65.3	-82.4	1.	0.0004	0.0005	2.3655	303.0	36.0
10355.	203.4	-50.0	65.8	65.8	-82.4	1.	0.0004	0.0005	2.3633	303.0	36.0
10396.	199.1	-50.0	66.6	66.6	-82.4	1.	0.0004	0.0005	2.3612	303.0	36.0
10437.	194.7	-50.0	67.7	67.7	-82.4	1.	0.0004	0.0005	2.3594	303.0	36.0
10478.	190.2	-50.0	68.4	68.4	-82.4	1.	0.0004	0.0005	2.3573	303.0	36.0
10519.	185.5	-50.0	69.7	69.7	-82.4	1.	0.0004	0.0005	2.3550	303.0	36.0
10560.	180.6	-50.0	70.4	70.4	-82.4	1.	0.0004	0.0005	2.3526	303.0	36.0
10601.	175.4	-50.0	71.0	71.0	-82.4	1.	0.0005	0.0005	2.3463	303.0	36.0
10642.	170.0	-50.0	71.4	71.4	-82.4	1.	0.0005	0.0005	2.3441	303.0	36.0
10683.	164.4	-50.0	71.9	71.9	-82.4	1.	0.0005	0.0005	2.3422	303.0	36.0
10724.	158.6	-50.0	72.5	72.5	-82.4	1.	0.0005	0.0005	2.3381	303.0	36.0
10765.	152.7	-50.0	73.1	73.1	-82.4	1.	0.0005	0.0005	2.3364	303.0	36.0
10806.	146.5	-50.0	73.4	73.4	-82.4	1.	0.0005	0.0005	2.3347	303.0	36.0
10847.	140.0	-50.0	74.0	74.0	-82.4	1.	0.0005	0.0005	2.3327	303.0	36.0
10888.	133.3	-50.0	74.7	74.7	-82.4	1.	0.0005	0.0005	2.3308	303.0	36.0
10929.	126.4	-50.0	75.0	75.0	-82.4	1.	0.0005	0.0005	2.3284	303.0	36.0
10970.	119.3	-50.0	75.5	75.5	-82.4	1.	0.0005	0.0005	2.3261	303.0	36.0
11011.	112.0	-50.0	76.1	76.1	-82.4	1.	0.0005	0.0005	2.3245	303.0	36.0
11052.	104.4	-50.0	76.8	76.8	-82.4	1.	0.0005	0.0005	2.3218	303.0	36.0
11093.	96.6	-50.0	77.6	77.6	-82.4	1.	0.0005	0.0005	2.3187	303.0	36.0
11134.	88.6	-50.0	78.4	78.4	-82.4	1.	0.0005	0.0005	2.3172	303.0	36.0
11175.	80.4	-50.0	79.2	79.2	-82.4	1.	0.0005	0.0005	2.3153	303.0	36.0
11216.	72.0	-50.0	79.9	79.9	-82.4	1.	0.0005	0.0005	2.3134	303.0	36.0
11257.	63.4	-50.0	80.6	80.6	-82.4	1.	0.0005	0.0005	2.3115	303.0	36.0
11298.	54.6	-50.0	81.4	81.4	-82.4	1.	0.0005	0.0005	2.3099	303.0	36.0
11339.	45.6	-50.0	82.1	82.1	-82.4	1.	0.0005	0.0005	2.3082	303.0	36.0
11380.	36.4	-50.0	82.8	82.8	-82.4	1.	0.0005	0.0005	2.3068	303.0	36.0
11421.	27.0	-50.0	83.4	83.4	-82.4	1.	0.0005	0.0005	2.3050	303.0	36.0
11462.	17.4	-50.0	84.0	84.0	-82.4	1.	0.0005	0.0005	2.3032	303.0	36.0

HEIGHT (M)	PRES (MP)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	F (MM)	1E+3*RH0W (G/M**3)	RH0 (KG/M**3)	D1R (DEG)	SPEED (M/S)
11595.	191.4	-51.7	82.0	82.0	-83.2	1.	0.00033	0.00004	0.3011	309.0	42.9
11639.	190.1	-51.6	82.8	82.6	-83.1	1.	0.00033	0.00004	0.2989	309.0	43.0
11680.	188.9	-51.6	83.5	83.5	-83.1	1.	0.00033	0.00004	0.2970	309.0	43.2
11718.	187.8	-51.8	83.7	83.7	-83.2	1.	0.00033	0.00004	0.2956	308.0	43.3
11759.	186.6	-52.0	84.1	84.1	-83.4	1.	0.00033	0.00004	0.2939	308.0	43.5
11801.	185.4	-52.2	84.2	84.2	-83.6	1.	0.00033	0.00003	0.2924	308.0	43.5
11843.	184.2	-52.4	84.4	84.4	-83.8	1.	0.00033	0.00003	0.2909	308.0	43.7
11885.	183.0	-52.6	84.6	84.6	-84.1	1.	0.00033	0.00003	0.2894	308.0	43.9
11920.	182.0	-53.1	84.8	84.8	-84.2	1.	0.00033	0.00003	0.2881	307.0	43.8
11959.	180.9	-53.3	85.3	85.3	-84.3	1.	0.00033	0.00003	0.2865	307.0	44.1
11995.	179.9	-53.2	85.9	85.9	-84.4	1.	0.00033	0.00003	0.2849	307.0	44.1
12027.	179.0	-53.1	86.5	86.5	-84.2	1.	0.00033	0.00003	0.2834	307.0	44.5
12063.	178.0	-53.0	87.3	87.3	-84.1	1.	0.00033	0.00003	0.2817	307.0	44.8
12100.	177.0	-53.1	87.7	87.7	-84.2	1.	0.00033	0.00003	0.2802	307.0	45.1
12140.	175.9	-53.1	88.3	88.3	-84.2	1.	0.00033	0.00003	0.2785	306.0	45.1
12176.	174.9	-53.1	88.9	88.9	-84.2	1.	0.00033	0.00003	0.2769	306.0	45.2
12213.	173.9	-53.1	89.5	89.5	-84.2	1.	0.00033	0.00003	0.2753	306.0	45.4
12258.	172.7	-53.2	90.2	90.2	-84.2	1.	0.00033	0.00003	0.2734	306.0	45.4
12303.	171.5	-53.3	91.1	91.1	-84.1	1.	0.00033	0.00003	0.2714	306.0	45.5
12344.	170.4	-53.3	91.8	91.8	-84.1	1.	0.00033	0.00003	0.2696	306.0	45.7
12386.	169.3	-53.1	92.3	92.3	-84.2	1.	0.00033	0.00003	0.2680	306.0	45.9
12424.	168.3	-53.3	92.6	92.6	-84.4	1.	0.00033	0.00003	0.2667	306.0	45.9
12460.	167.2	-53.3	92.6	92.6	-84.3	1.	0.00033	0.00003	0.2652	306.0	45.8
12494.	166.2	-53.3	93.7	93.7	-84.4	1.	0.00033	0.00003	0.2637	306.0	46.6
12528.	165.2	-53.3	94.2	94.2	-84.7	1.	0.00033	0.00003	0.2624	306.0	46.6
12582.	164.2	-53.3	94.2	94.2	-84.8	1.	0.00033	0.00003	0.2609	306.0	46.9
12621.	163.2	-53.3	94.8	94.8	-84.8	1.	0.00033	0.00003	0.2593	306.0	46.4
12661.	162.2	-53.3	95.6	95.6	-84.7	1.	0.00033	0.00003	0.2576	306.0	46.2
12696.	161.3	-53.3	96.0	96.0	-84.8	1.	0.00033	0.00003	0.2563	306.0	46.2
12736.	160.3	-54.0	96.5	96.5	-84.9	1.	0.00033	0.00003	0.2548	306.0	46.2
12776.	159.3	-54.1	97.0	97.0	-84.9	1.	0.00033	0.00003	0.2533	306.0	46.4
12817.	158.3	-54.1	97.7	97.7	-84.9	1.	0.00033	0.00003	0.2517	306.0	46.4
12853.	157.4	-54.0	98.5	98.5	-84.9	1.	0.00033	0.00003	0.2502	306.0	46.6
12894.	156.4	-54.0	99.1	99.1	-84.9	1.	0.00033	0.00003	0.2486	306.0	46.6
12931.	155.4	-54.0	99.8	99.8	-84.9	1.	0.00033	0.00003	0.2472	306.0	46.6
12968.	154.4	-54.0	100.5	100.5	-84.9	1.	0.00033	0.00003	0.2456	306.0	46.4
13005.	153.7	-54.0	101.1	101.1	-84.9	1.	0.00033	0.00003	0.2443	306.0	46.4
13047.	152.7	-54.0	101.7	101.7	-84.9	1.	0.00033	0.00003	0.2427	306.0	46.1
13085.	151.8	-54.0	102.3	102.3	-84.9	1.	0.00033	0.00003	0.2413	306.0	46.1
13123.	150.9	-54.0	102.6	102.6	-85.0	1.	0.00033	0.00003	0.2401	306.0	46.1
13160.	149.9	-54.0	103.2	103.2	-85.1	1.	0.00033	0.00003	0.2386	306.0	47.0
13194.	148.6	-54.0	103.6	103.6	-85.1	1.	0.00033	0.00003	0.2373	306.0	47.0
13224.	147.4	-54.0	104.0	104.0	-85.1	1.	0.00033	0.00003	0.2357	306.0	46.4

SOUNDING 11.0
LATITUDE -57.6 LONGITUDE 5.1
DATE 10-20-81 TIME 2342 GMT
NUMBER OF LEVELS 3

HEIGHT (M)	PRES (MP)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	F (MM)	1E+3*RH0W (G/M**3)	RH0 (KG/M**3)	D1R (DEG)	SPEED (M/S)
0.	975.6	-3.7	-2.0	-1.6	-4.3	95.	4.2813	3.4506	1.2686	210.0	7.0
57.	971.0	-4.8	-2.6	-2.3	-4.3	68.	2.7909	2.2691	1.2634	210.0	6.4
110.	965.0	-5.0	-3.0	-2.5	-4.3	68.	2.4377	2.0937	1.2600	210.0	6.2
162.	958.0	-6.2	-3.0	-2.7	-4.3	69.	2.1112	2.0712	1.2553	210.0	6.0
213.	952.3	-7.7	-2.6	-2.4	-4.3	69.	1.8259	2.0037	1.2466	210.0	5.7
268.	945.0	-6.7	-2.6	-2.4	-4.3	70.	1.5978	1.9816	1.2353	210.0	5.5
321.	932.2	-7.7	-2.6	-2.4	-4.3	71.	1.3456	1.9429	1.2232	210.0	5.3
370.	924.9	-6.6	-1.7	-1.4	-4.3	70.	1.1776	1.9651	1.2382	210.0	5.1
430.	910.7	-6.6	-1.4	-1.7	-4.3	68.	1.0468	2.0313	1.2121	210.0	4.9
480.	903.3	-7.1	-0.4	-0.6	-4.3	66.	0.9370	1.9041	1.1966	210.0	4.7
536.	896.7	-7.1	0.4	-0.7	-4.3	66.	0.8221	1.8415	1.1841	210.0	4.5
596.	893.7	-7.4	1.0	1.0	-4.3	66.	0.7164	1.7964	1.1812	210.0	4.3
656.	894.2	1.0	1.0	1.0	-4.3	67.	0.6101	1.7922	1.1748	210.0	4.1
704.	888.2	-7.1	1.0	1.0	-4.3	67.	0.5121	1.7625	1.1686	210.0	3.9
810.	877.3	-8.0	1.0	1.0	-4.3	67.	0.4144	1.7332	1.1656	210.0	3.7
864.	872.3	-8.0	1.0	1.0	-4.3	68.	0.3211	1.7143	1.1538	210.0	3.5
914.	864.6	-8.0	1.0	1.0	-4.3	68.	0.2370	1.6837	1.1473	210.0	3.3
968.	858.4	-8.0	1.0	1.0	-4.3	69.	0.1543	1.6577	1.1406	210.0	3.1
1019.	854.6	-8.0	1.0	1.0	-4.3	69.	0.0943	1.6251	1.1344	210.0	2.9
1076.	846.3	-8.0	1.0	1.0	-4.3	68.	0.0724	1.6434	1.1284	210.0	2.7
1127.	840.6	-8.0	1.0	1.0	-4.3	68.	0.0444	1.6574	1.1165	210.0	2.5
1183.	833.3	-8.0	1.0	1.0	-4.3	68.	0.0247	1.6574	1.1093	210.0	2.3
1237.	823.2	-9.4	0.7	0.9	-4.3	68.	0.0173	1.6434	1.1021	210.0	2.1
1290.	816.9	-9.4	0.6	0.6	-4.3	67.	0.0074	1.5941	1.0957	210.0	1.9
1345.	811.0	-11.0	0.3	0.3	-4.3	67.	0.0079	1.5779	1.0885	210.0	1.7
1400.	803.0	-10.0	0.4	0.4	-4.3	67.	0.0063	1.4835	1.0754	210.0	1.5
1456.	791.0	-10.0	0.3	0.3	-4.3	65.	0.0061	1.3741	1.0687	210.0	1.3
1512.	781.0	-11.0	0.7	0.7	-4.3	65.	0.0061	1.2741	1.0621	210.0	1.1
1568.	779.0	-11.0	0.7	0.7	-4.3	65.	0.0061	1.2547	1.0567	210.0	0.9
1624.	791.0	-11.0	0.7	0.7	-4.3	65.	0.0061	1.2547	1.0567	210.0	0.7
1680.	777.4	-11.0	0.7	0.7	-4.3	64.	0.0061	1.1407	1.0497	210.0	0.5
1736.	762.7	-11.0	0.7	0.7	-4.3	64.	0.0061	1.0267	1.0427	210.0	0.3
1792.	747.9	-11.0	0.7	0.7	-4.3	64.	0.0061	0.9127	1.0357	210.0	0.1
1848.	733.4	-11.0	0.7	0.7	-4.3	64.	0.0061	0.7987	1.0287	210.0	0.0
1904.	718.9	-11.0	0.7	0.7	-4.3	64.	0.0061	0.6847	1.0217	210.0	0.0
1960.	704.4	-11.0	0.7	0.7	-4.3	64.	0.0061	0.5707	1.0147	210.0	0.0
2016.	689.9	-11.0	0.7	0.7	-4.3	64.	0.0061	0.4567	1.0077	210.0	0.0
2072.	675.4	-11.0	0.7	0.7	-4.3	64.	0.0061	0.3427	1.0007	210.0	0.0
2128.	660.9	-11.0	0.7	0.7	-4.3	64.	0.0061	0.2287	0.9937	210.0	0.0
2184.	646.4	-11.0	0.7	0.7	-4.3	64.	0.0061	0.1147	0.9867	210.0	0.0
2240.	631.9	-11.0	0.7	0.7	-4.3	64.	0.0061	0.0007	0.9797	210.0	0.0
2296.	617.4	-11.0	0.7	0.7	-4.3	64.	0.0061	0.0007	0.9727	210.0	0.0
2352.	602.9	-11.0	0.7	0.7	-4.3	64.	0.0061	0.0007	0.9657	210.0	0.0
2408.	588.4	-11.0	0.7	0.7	-4.3	64.	0.0061	0.0007	0.9587	210.0	0.0
2464.	573.9	-11.0	0.7	0.7	-4.3	64.	0.0061	0.0007	0.9517	210.0	0.0
2520.	559.4	-11.0	0.7	0.7	-4.3	64.	0.0061	0.0007	0.9447	210.0	0.0
2576.	544.9	-11.0	0.7	0.7	-4.3	64.	0.0061	0.0007	0.9377	210.0	0.0
2632.	530.4	-11.0	0.7	0.7	-4.3	64.	0.0061	0.0007	0.9307	210.0	0.0
2688.	515.9	-11.0	0.7	0.7	-4.3	64.	0.0061	0.0007	0.9237	210.0	0.0
2744.	501.4	-11.0	0.7	0.7	-4.3	64.	0.0061	0.0007	0.9167	210.0	0.0
2800.	486.9	-11.0	0.7	0.7	-4.3	64.	0.0061	0.0007	0.9097	210.0	0.0
2856.	472.4	-11.0	0.7	0.7	-4.3	64.	0.0061	0.0007	0.9027	210.0	0.0
2912.	457.9	-11.0	0.7	0.7	-4.3	64.	0.0061	0.0007	0.8957	210.0	0.0
2968.	443.4	-11.0	0.7	0.7	-4.3	64.	0.0061	0.0007	0.8887	210.0	0.0
3024.	428.9	-11.0	0.7	0.7	-4.3	64.	0.0061	0.0007	0.8817	210.0	0.0
3080.	414.4	-11.0	0.7	0.7	-4.3	64.	0.0061	0.0007	0.8747	210.0	0.0
3136.	400.0	-11.0	0.7	0.7	-4.3	64.	0.0061	0.0007	0.8677	210.0	0.0
3192.	385.5	-11.0	0.7	0.7	-4.3	64.	0.0061	0.0007	0.8607	210.0	0.0
3248.	371.0	-11.0	0.7	0.7	-4.3	64.	0.0061	0.0007	0.8537	210.0	0.0
3304.	356.5	-11.0	0.7	0.7	-4.3	64.	0.0061	0.0007	0.8467	210.0	0.0
3360.	342.0	-11.0	0.7	0.7	-4.3	64.	0.0061	0.0007	0.8397	210.0	0.0
3416.	327.5	-11.0	0.7	0.7	-4.3	64.	0.0061	0.0007	0.8327	210.0	0.0
3472.	313.0	-11.0	0.7	0.7	-4.3	64.	0.0061	0.0007	0.8257	210.0	0.0
3528.	298.5	-11.0	0.7	0.7	-4.3	64.	0.0061	0.0007	0.8187	210.0	0.0
3584.	284.0	-11.0	0.7	0.7	-4.3	64.	0.0061	0.0007	0.8117	210.0	0.0
3640.	269.5	-11.0	0.7	0.7	-4.3	64.	0.0061	0.0007	0.8047	210.0	0.0
3696.	255.0	-11.0	0.7	0.7	-4.3	64.	0.0061	0.0007	0.7977	210.0	0.0
3752.	240.5	-11.0	0.7	0.7	-4.3	64.	0.0061	0.0007	0.7907	210.0	0.0
3808.	226.0	-11.0	0.7	0.7	-4.3	64.	0.0061	0.0007	0.7837	210.0	0.0
3864.	211.5	-11.0	0.7	0.7	-4.3	64.	0.0061	0.0007	0.7767	210.0	0.0
3920.	197.0	-11.0	0.7	0.7	-4.3	64.	0.0061	0.0007	0.7697	210.0	0.0
3976.	182.5	-11.0	0.7	0.7	-4.3	64.	0.0061	0.0007	0.7627	210.0	0.0
4032.	168.0	-11.0	0.7	0.7	-4.3	64.	0.0061	0.0007	0.7557	210.0	0.0
4088.	153.5	-11.0	0.7	0.7	-4.3	64.	0.0061	0.0007	0.7487	210.0	0.0
4144.	139.0	-11.0	0.7	0.7	-4.3	64.	0.0061	0.0007	0.7417	210.0	0.0
4200.	124.5	-11.0	0.7	0.7	-4.3	64.	0.0061	0.0007	0.7347	210.0	0.0
4256.	110.0	-11.0	0.7	0.7	-4.3	64.	0.0061	0.0007	0.7277	210.0	0.0
4312.	95.5	-11.0	0.7	0.7	-4.3	64.	0.0061	0.0007	0.7207	210.0	0.0
4368.	81.0	-11.0	0.7	0.7	-4.3	64.	0.0061	0.0007	0.7137	210.0	0.0
4424.	66.5	-11.0	0.7	0.7	-4.3	64.	0.0061	0.0007	0.7067	210.0	0.0
4480.	52.0	-11.0	0.7	0.7	-4.3	64.	0.0061	0.0007	0.6997	210.0	0.0
4536.	37.5	-11.0	0.7	0.7	-4.3	64.	0.0061	0.0007	0.6927	210.0	0.0

HEIGHT (F)	PRES (MM)	T (C)	THETA (C)	THETA (C)	PEN POINT (C)	REL HUM (%)	E (MM)	1E+3*RH0 (G/M+3)	RH0 (G/M+3)	DIF (DEG)	SPEED (KTS)
3841.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3842.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3843.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3844.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3845.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3846.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3847.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3848.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3849.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3850.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3851.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3852.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3853.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3854.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3855.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3856.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3857.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3858.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3859.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3860.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3861.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3862.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3863.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3864.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3865.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3866.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3867.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3868.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3869.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3870.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3871.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3872.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3873.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3874.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3875.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3876.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3877.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3878.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3879.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3880.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3881.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3882.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3883.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3884.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3885.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3886.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3887.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3888.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3889.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3890.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3891.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3892.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3893.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3894.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3895.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3896.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3897.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3898.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3899.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3900.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3901.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3902.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3903.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3904.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3905.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3906.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3907.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3908.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3909.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3910.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3911.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3912.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3913.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3914.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3915.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3916.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3917.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3918.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3919.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3920.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3921.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3922.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3923.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3924.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3925.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3926.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3927.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3928.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3929.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3930.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3931.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3932.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3933.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3934.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3935.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3936.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3937.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3938.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3939.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3940.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3941.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3942.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3943.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3944.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3945.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3946.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3947.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3948.	56.6	-2.1	16.7	16.7	-32.5	43.	0.2	0.2635	0.8262	295.0	14.7
3949.	56.6	-2.1	16.7								

HEIGHT (M)	PRES (MM)	T (C)	THETA (C)	THETA V (C)	REL POINT (C)	REL HUM (%)	E (M)	1E+3+RH04 (G/M+...)	RHO (KG/M+...)	DIR (DEG)	SPEED (M/S)
10236.	227.6	-53.2	62.5	62.5	-64.3	1.	0	0.0000	0.3605	287.0	27.1
10293.	225.6	-53.2	63.4	63.4	-64.3	1.	0	0.0000	0.3573	287.0	27.1
10355.	223.6	-53.2	64.2	64.2	-64.3	1.	0	0.0000	0.3541	287.0	27.1
10405.	221.7	-53.1	65.0	65.0	-64.2	1.	0	0.0000	0.3510	287.0	27.1
10458.	219.9	-53.2	65.8	65.8	-64.3	1.	0	0.0000	0.3483	287.0	27.1
10507.	218.2	-52.6	66.9	66.9	-64.1	1.	0	0.0000	0.3453	287.0	27.1
10561.	216.4	-52.7	68.2	68.2	-63.9	1.	0	0.0000	0.3420	287.0	27.1
10615.	214.6	-52.3	69.6	69.6	-63.6	1.	0	0.0000	0.3385	287.0	27.1
10669.	212.8	-51.8	71.2	71.2	-63.2	1.	0	0.0000	0.3349	287.0	27.1
10724.	211.0	-51.4	72.7	72.7	-63.0	1.	0	0.0000	0.3315	287.0	27.1
10777.	209.3	-51.1	73.8	73.8	-62.8	1.	0	0.0000	0.3285	287.0	27.1
10830.	207.6	-51.1	74.8	74.8	-62.7	1.	0	0.0000	0.3255	287.0	27.1
10886.	206.0	-51.1	75.7	75.7	-62.7	1.	0	0.0000	0.3230	287.0	27.1
10934.	204.3	-50.8	76.8	76.8	-62.5	1.	0	0.0000	0.3201	287.0	27.1
10986.	202.6	-50.6	78.0	78.0	-62.4	1.	0	0.0000	0.3171	287.0	27.1
11040.	201.0	-50.2	79.4	79.4	-62.2	1.	0	0.0000	0.3141	287.0	27.1
11092.	199.4	-49.9	80.7	80.7	-61.9	1.	0	0.0000	0.3111	287.0	27.1
11144.	197.8	-49.7	81.8	81.8	-61.7	1.	0	0.0000	0.3084	287.0	27.1
11196.	196.1	-49.7	82.7	82.7	-61.7	1.	0	0.0000	0.3057	287.0	27.1
11250.	194.5	-49.4	83.5	83.5	-61.7	1.	0	0.0000	0.3032	287.0	27.1
11303.	192.9	-49.7	84.4	84.4	-61.7	1.	0	0.0000	0.3007	287.0	27.1
11356.	191.3	-49.1	86.2	86.2	-61.3	1.	0	0.0000	0.2974	287.0	27.1
11411.	189.7	-48.2	87.9	87.9	-61.3	1.	0	0.0000	0.2951	287.0	27.1
11464.	188.0	-48.1	88.7	88.7	-61.4	1.	0	0.0000	0.2924	287.0	27.1
11518.	186.4	-48.7	89.6	89.6	-61.3	1.	0	0.0000	0.2896	287.0	27.1
11572.	184.7	-48.9	90.6	90.6	-61.3	1.	0	0.0000	0.2873	287.0	27.1
11626.	183.3	-48.9	91.1	91.1	-61.3	1.	0	0.0000	0.2851	287.0	27.1
11680.	181.8	-48.9	91.1	91.1	-61.4	1.	0	0.0000	0.2829	287.0	27.1
11734.	180.2	-48.5	91.7	91.7	-61.6	1.	0	0.0000	0.2807	287.0	27.1
11788.	178.6	-48.5	92.7	92.7	-61.6	1.	0	0.0000	0.2782	287.0	27.1
11842.	177.1	-48.5	93.5	93.5	-61.6	1.	0	0.0000	0.2759	287.0	27.1
11896.	175.6	-48.4	94.6	94.6	-61.6	1.	0	0.0000	0.2734	287.0	27.1
11950.	174.1	-48.2	95.5	95.5	-61.3	1.	0	0.0000	0.2708	287.0	27.1
12004.	172.7	-48.8	97.2	97.2	-61.1	1.	0	0.0000	0.2683	287.0	27.1
12058.	171.3	-48.5	98.4	98.4	-61.0	1.	0	0.0000	0.2659	287.0	27.1
12112.	169.9	-48.6	99.2	99.2	-61.1	1.	0	0.0000	0.2637	287.0	27.1
12166.	168.5	-48.6	99.9	99.9	-61.2	1.	0	0.0000	0.2616	287.0	27.1
12220.	167.1	-49.1	100.3	100.3	-61.2	1.	0	0.0000	0.2598	287.0	27.1
12274.	165.7	-49.4	100.7	100.7	-61.5	1.	0	0.0000	0.2580	287.0	27.1
12328.	164.3	-49.6	101.3	101.3	-61.6	1.	0	0.0000	0.2563	287.0	27.1
12382.	163.0	-49.7	102.0	102.0	-61.7	1.	0	0.0000	0.2541	287.0	27.1
12436.	161.6	-49.7	102.9	102.9	-61.7	1.	0	0.0000	0.2519	287.0	27.1
12490.	160.2	-49.6	104.0	104.0	-61.6	1.	0	0.0000	0.2496	287.0	27.1
12544.	158.8	-49.7	104.8	104.8	-61.7	1.	0	0.0000	0.2476	287.0	27.1
12598.	157.4	-49.8	105.6	105.6	-61.8	1.	0	0.0000	0.2455	287.0	27.1
12652.	156.1	-49.8	106.5	106.5	-61.8	1.	0	0.0000	0.2435	287.0	27.1
12706.	154.8	-49.8	107.4	107.4	-61.8	1.	0	0.0000	0.2414	287.0	27.1
12760.	153.4	-49.8	108.3	108.3	-61.8	1.	0	0.0000	0.2394	287.0	27.1
12814.	152.2	-50.0	109.7	109.7	-61.1	1.	0	0.0000	0.2374	287.0	27.1
12868.	151.0	-50.0	110.2	110.2	-61.2	1.	0	0.0000	0.2357	287.0	27.1
12922.	149.8	-50.0	110.8	110.8	-61.2	1.	0	0.0000	0.2338	287.0	27.1
12976.	148.6	-50.0	111.4	111.4	-61.2	1.	0	0.0000	0.2320	287.0	27.1
13030.	147.4	-50.0	111.7	111.7	-61.2	1.	0	0.0000	0.2302	287.0	27.1
13084.	146.2	-50.0	112.1	112.1	-61.2	1.	0	0.0000	0.2285	287.0	27.1
13138.	145.0	-50.0	112.7	112.7	-61.2	1.	0	0.0000	0.2269	287.0	27.1
13192.	143.8	-50.0	113.1	113.1	-61.2	1.	0	0.0000	0.2251	287.0	27.1
13246.	142.6	-50.0	113.6	113.6	-61.2	1.	0	0.0000	0.2235	287.0	27.1
13300.	141.4	-50.0	114.0	114.0	-61.2	1.	0	0.0000	0.2218	287.0	27.1
13354.	140.2	-50.0	114.5	114.5	-61.2	1.	0	0.0000	0.2195	287.0	27.1
13408.	139.0	-50.0	115.0	115.0	-61.2	1.	0	0.0000	0.2173	287.0	27.1
13462.	137.8	-50.0	115.7	115.7	-61.2	1.	0	0.0000	0.2152	287.0	27.1
13516.	136.6	-50.0	116.1	116.1	-61.2	1.	0	0.0000	0.2134	287.0	27.1
13570.	135.4	-50.0	116.5	116.5	-61.2	1.	0	0.0000	0.2114	287.0	27.1
13624.	134.2	-50.0	117.0	117.0	-61.2	1.	0	0.0000	0.2093	287.0	27.1
13678.	133.0	-50.0	117.4	117.4	-61.2	1.	0	0.0000	0.2075	287.0	27.1
13732.	131.8	-50.0	117.9	117.9	-61.2	1.	0	0.0000	0.2054	287.0	27.1
13786.	130.6	-50.0	118.3	118.3	-61.2	1.	0	0.0000	0.2040	287.0	27.1
13840.	129.4	-50.0	118.8	118.8	-61.2	1.	0	0.0000	0.2021	287.0	27.1
13894.	128.2	-50.0	119.3	119.3	-61.2	1.	0	0.0000	0.2002	287.0	27.1
13948.	127.0	-50.0	119.8	119.8	-61.2	1.	0	0.0000	0.1985	287.0	27.1
14002.	125.8	-50.0	120.3	120.3	-61.2	1.	0	0.0000	0.1967	287.0	27.1
14056.	124.6	-50.0	120.8	120.8	-61.2	1.	0	0.0000	0.1949	287.0	27.1
14110.	123.4	-50.0	121.3	121.3	-61.2	1.	0	0.0000	0.1934	287.0	27.1
14164.	122.2	-50.0	121.8	121.8	-61.2	1.	0	0.0000	0.1916	287.0	27.1
14218.	121.0	-50.0	122.3	122.3	-61.2	1.	0	0.0000	0.1896	287.0	27.1
14272.	119.8	-50.0	122.8	122.8	-61.2	1.	0	0.0000	0.1876	287.0	27.1
14326.	118.6	-50.0	123.3	123.3	-61.2	1.	0	0.0000	0.1853	287.0	27.1
14380.	117.4	-50.0	123.8	123.8	-61.2	1.	0	0.0000	0.1834	287.0	27.1
14434.	116.2	-50.0	124.3	124.3	-61.2	1.	0	0.0000	0.1814	287.0	27.1
14488.	115.0	-50.0	124.8	124.8	-61.2	1.	0	0.0000	0.1795	287.0	27.1
14542.	113.8	-50.0	125.3	125.3	-61.2	1.	0	0.0000	0.1777	287.0	27.1
14596.	112.6	-50.0	125.8	125.8	-61.2	1.	0	0.0000	0.1758	287.0	27.1
14650.	111.4	-50.0	126.3	126.3	-61.2	1.	0	0.0000	0.1739	287.0	27.1
14704.	110.2	-50.0	126.8	126.8	-61.2	1.	0	0.0000	0.1721	287.0	27.1
14758.	109.0	-50.0	127.3	127.3	-61.2	1.	0	0.0000	0.1702	287.0	27.1
14812.	107.8	-50.0	127.8	127.8	-61.2	1.	0	0.0000	0.1684	287.0	27.1
14866.	106.6	-50.0	128.3	128.3	-61.2	1.	0	0.0000	0.1667	287.0	27.1
14920.	105.4	-50.0	128.8	128.8	-61.2	1.	0	0.0000	0.1648	287.0	27.1
14974.	104.2	-50.0	129.3	129.3	-61.2	1.	0	0.0000	0.1631	287.0	27.1
15028.	103.0	-50.0	129.8	129.8	-61.2	1.	0	0.0000	0.1614	287.0	27.1
15082.	101.8	-50.0	130.3	130.3	-61.2	1.	0	0.0000	0.1598	287.0	27.1
15136.	100.6	-50.0	130.8	130.8	-61.2	1.	0	0.0000	0.1581	287.0	27.1
15190.	99.4	-50.0	131.3	131.3	-61.2	1.	0	0.0000	0.1564	287.0	27.1
15244.	98.2	-50.0	131.8	131.8	-61.2	1.	0	0.0000	0.1547	287.0	27.1
15298.	97.0	-50.0	132.3	132.3	-61.2	1.	0	0.0000	0.1531	287.0	27.1
15352.	95.8	-50.0	132.8	132.8	-61.2	1.	0	0.0000	0.1514	287.0	27.1
15406.	94.6	-50.0	133.3	133.3	-61.2	1.	0	0.0000	0.1498	287.0	27.1
15460.	93.4	-50.0	133.8	133.8	-61.2	1.	0	0.0000	0.1482	287.0	27.1
15514.	92.2	-50.0	134.3	134.3	-61.2	1.	0	0.0000	0.1465	287.0	27.1
15568.	91.0	-50.0	134.8	134.8	-61.2	1.	0	0.0000	0.1449	287.0	27.1
15622.	89.8	-50.0	135.3	135.3	-61.2	1.	0	0.0000	0.1433	287.0	27.1
15676.	88.6	-50.0	135.8	135.8	-61.2	1.	0	0.0000	0.1417	287.0	27.1
15730.	87.4	-50.0	136.3	136.3	-61.2	1.	0	0.0000	0.1401	287.0	27.1
15784.	86.2	-50.0	136.8	136.8	-61.2	1.	0	0.0000	0.1385	287.0	27.1
15838.	85.0	-50.0	137.3	137.3	-61.2	1.	0	0.0000	0.1369	287.0	27.1
15892.	83.8	-50.0	137.8	137.8	-61.2	1.	0	0.0000	0.1353	287.0	27.1

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MM)	1E+3*RH0 (G/M**3)	RH0 (KG/M**3)	DPR (DEG)	SPEED (M/S)
16611.	85.4	-5.1	177.3	177.3	-82.0	1.	0.0004	0.0004	0.1334	283.0	51.6
16672.	84.6	-5.0	178.5	178.5	-82.0	1.	0.0004	0.0004	0.1321	283.0	51.6
16734.	83.8	-5.0	179.9	179.9	-82.0	1.	0.0004	0.0004	0.1308	283.0	51.6
16799.	83.1	-5.0	181.3	181.3	-82.0	1.	0.0004	0.0004	0.1297	283.0	51.6
16852.	82.3	-5.0	182.7	182.7	-82.0	1.	0.0004	0.0004	0.1285	283.0	51.6
16915.	81.5	-5.0	184.1	184.1	-82.0	1.	0.0004	0.0004	0.1274	283.0	51.6
16980.	80.7	-5.0	185.5	185.5	-82.0	1.	0.0004	0.0004	0.1263	283.0	51.6
17044.	79.9	-5.0	186.9	186.9	-82.0	1.	0.0004	0.0004	0.1252	283.0	51.6
17110.	79.1	-5.0	188.3	188.3	-82.0	1.	0.0004	0.0004	0.1240	283.0	51.6
17176.	78.4	-5.1	189.7	189.7	-82.0	1.	0.0004	0.0004	0.1229	283.0	51.6
17242.	77.7	-5.1	191.1	191.1	-82.0	1.	0.0004	0.0004	0.1218	283.0	51.6
17308.	76.9	-5.1	192.5	192.5	-82.0	1.	0.0004	0.0004	0.1206	283.0	51.6
17374.	76.2	-5.1	193.9	193.9	-82.0	1.	0.0004	0.0004	0.1197	283.0	51.6
17440.	75.4	-5.1	195.3	195.3	-82.0	1.	0.0004	0.0004	0.1183	283.0	51.6
17506.	74.7	-5.1	196.7	196.7	-82.0	1.	0.0004	0.0004	0.1172	283.0	51.6
17572.	74.0	-5.1	198.1	198.1	-82.0	1.	0.0004	0.0004	0.1160	283.0	51.6
17638.	73.3	-5.1	199.5	199.5	-82.0	1.	0.0004	0.0004	0.1147	283.0	51.6
17704.	72.6	-5.1	200.9	200.9	-82.0	1.	0.0004	0.0004	0.1134	283.0	51.6
17770.	71.9	-5.1	202.3	202.3	-82.0	1.	0.0004	0.0004	0.1123	283.0	51.6
17836.	71.2	-5.1	203.7	203.7	-82.0	1.	0.0004	0.0004	0.1112	283.0	51.6
17902.	70.5	-5.1	205.1	205.1	-82.0	1.	0.0004	0.0004	0.1102	283.0	51.6
17968.	69.8	-5.1	206.5	206.5	-82.0	1.	0.0004	0.0004	0.1092	283.0	51.6
18034.	69.1	-5.1	207.9	207.9	-82.0	1.	0.0004	0.0004	0.1083	283.0	51.6
18100.	68.4	-5.1	209.3	209.3	-82.0	1.	0.0004	0.0004	0.1073	283.0	51.6
18166.	67.7	-5.1	210.7	210.7	-82.0	1.	0.0004	0.0004	0.1064	283.0	51.6
18232.	67.0	-5.1	212.1	212.1	-82.0	1.	0.0004	0.0004	0.1053	283.0	51.6
18298.	66.3	-5.1	213.5	213.5	-82.0	1.	0.0004	0.0004	0.1043	283.0	51.6
18364.	65.6	-5.1	214.9	214.9	-82.0	1.	0.0004	0.0004	0.1032	283.0	51.6
18430.	64.9	-5.1	216.3	216.3	-82.0	1.	0.0004	0.0004	0.1022	283.0	51.6
18496.	64.2	-5.1	217.7	217.7	-82.0	1.	0.0004	0.0004	0.1012	283.0	51.6
18562.	63.5	-5.1	219.1	219.1	-82.0	1.	0.0004	0.0004	0.1002	283.0	51.6
18628.	62.8	-5.1	220.5	220.5	-82.0	1.	0.0004	0.0004	0.0995	283.0	51.6
18694.	62.1	-5.1	221.9	221.9	-82.0	1.	0.0004	0.0004	0.0988	283.0	51.6
18760.	61.4	-5.1	223.3	223.3	-82.0	1.	0.0004	0.0004	0.0981	283.0	51.6
18826.	60.7	-5.1	224.7	224.7	-82.0	1.	0.0004	0.0004	0.0974	283.0	51.6
18892.	60.0	-5.1	226.1	226.1	-82.0	1.	0.0004	0.0004	0.0968	283.0	51.6
18958.	59.3	-5.1	227.5	227.5	-82.0	1.	0.0004	0.0004	0.0961	283.0	51.6
19024.	58.6	-5.1	228.9	228.9	-82.0	1.	0.0004	0.0004	0.0954	283.0	51.6
19090.	57.9	-5.1	230.3	230.3	-82.0	1.	0.0004	0.0004	0.0947	283.0	51.6
19156.	57.2	-5.1	231.7	231.7	-82.0	1.	0.0004	0.0004	0.0940	283.0	51.6
19222.	56.5	-5.1	233.1	233.1	-82.0	1.	0.0004	0.0004	0.0933	283.0	51.6
19288.	55.8	-5.1	234.5	234.5	-82.0	1.	0.0004	0.0004	0.0926	283.0	51.6
19354.	55.1	-5.1	235.9	235.9	-82.0	1.	0.0004	0.0004	0.0919	283.0	51.6
19420.	54.4	-5.1	237.3	237.3	-82.0	1.	0.0004	0.0004	0.0913	283.0	51.6
19486.	53.7	-5.1	238.7	238.7	-82.0	1.	0.0004	0.0004	0.0905	283.0	51.6
19552.	53.0	-5.1	240.1	240.1	-82.0	1.	0.0004	0.0004	0.0896	283.0	51.6

SOUNDING 13.2
 LATITUDE -55.2 LONGITUDE 3.2
 DATE 10-21-81 TIME 2356 GMT
 NUMBER OF LEVELS 390

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MM)	1E+3*RH0 (G/M**3)	RH0 (KG/M**3)	DPR (DEG)	SPEED (M/S)
9.	982.1	-7.5	-6.1	-5.8	-9.6	83.	2.6491	2.2193	1.2901	278.0	7.2
56.	975.1	-7.4	-6.0	-5.7	-10.0	83.	2.6465	2.1463	1.2828	278.0	7.2
111.	968.2	-7.4	-5.9	-5.7	-10.6	82.	2.6447	2.0345	1.2760	278.0	7.2
165.	961.4	-7.4	-5.8	-5.7	-11.1	82.	2.6387	1.9586	1.2694	278.0	7.2
219.	954.5	-7.4	-5.7	-5.6	-11.4	81.	2.6347	1.9078	1.2627	278.0	7.2
271.	948.3	-7.4	-5.6	-5.5	-11.6	81.	2.6274	1.8814	1.2553	278.0	7.2
322.	942.0	-7.4	-5.4	-5.2	-13.7	71.	1.8854	1.5615	1.2481	278.0	10.2
374.	935.7	-7.4	-4.4	-4.4	-15.6	57.	1.5412	1.2976	1.2381	278.0	10.2
426.	929.4	-7.4	-3.7	-3.7	-17.7	43.	1.1712	0.9449	1.2290	278.0	10.2
477.	923.3	-7.4	-3.0	-3.4	-21.3	27.	0.7126	0.6333	1.2211	278.0	10.2
531.	915.9	-7.4	-2.1	-3.0	-25.3	23.	0.5164	0.5389	1.2130	278.0	10.2
588.	908.1	-7.4	-1.6	-2.6	-26.8	20.	0.5122	0.4672	1.2043	278.0	10.2
641.	899.8	-7.4	-1.7	-2.1	-27.4	17.	0.4175	0.3963	1.1952	278.0	10.2
697.	891.3	-7.4	-1.4	-1.3	-28.5	16.	0.3707	0.3707	1.1876	278.0	10.2
757.	883.4	-7.4	-1.3	-1.3	-29.5	12.	0.3150	0.3150	1.1806	278.0	10.2
817.	875.7	-7.4	-1.3	-1.3	-30.5	11.	0.2771	0.2771	1.1723	278.0	10.2
875.	868.2	-7.4	-1.3	-1.3	-31.4	11.	0.2465	0.2465	1.1652	278.0	10.2
935.	860.9	-7.4	-1.3	-1.3	-32.5	11.	0.2158	0.2158	1.1584	278.0	10.2
998.	853.7	-7.4	-1.3	-1.3	-33.6	11.	0.1850	0.1850	1.1507	278.0	10.2
1061.	846.6	-7.4	-1.3	-1.3	-34.7	11.	0.1542	0.1542	1.1425	278.0	10.2
1124.	839.5	-7.4	-1.3	-1.3	-35.8	11.	0.1234	0.1234	1.1343	278.0	10.2
1186.	832.4	-7.4	-1.3	-1.3	-36.8	11.	0.0926	0.0926	1.1264	278.0	10.2
1247.	825.1	-7.4	-1.3	-1.3	-37.7	11.	0.0618	0.0618	1.1191	278.0	10.2
1308.	817.9	-7.4	-1.3	-1.3	-38.6	11.	0.0310	0.0310	1.1114	278.0	10.2
1369.	810.7	-7.4	-1.3	-1.3	-39.5	11.	0.0002	0.0002	1.1045	278.0	10.2
1429.	803.5	-7.4	-1.3	-1.3	-40.4	11.	0.0000	0.0000	1.0976	278.0	10.2
1489.	796.3	-7.4	-1.3	-1.3	-41.3	11.	0.0000	0.0000	1.0905	278.0	10.2
1549.	789.1	-7.4	-1.3	-1.3	-42.2	11.	0.0000	0.0000	1.0834	278.0	10.2
1609.	781.9	-7.4	-1.3	-1.3	-43.1	11.	0.0000	0.0000	1.0765	278.0	10.2
1669.	774.7	-7.4	-1.3	-1.3	-44.0	11.	0.0000	0.0000	1.0692	278.0	10.2
1729.	767.5	-7.4	-1.3	-1.3	-44.9	11.	0.0000	0.0000	1.0620	278.0	10.2
1789.	760.3	-7.4	-1.3	-1.3	-45.8	11.	0.0000	0.0000	1.0548	278.0	10.2
1849.	753.1	-7.4	-1.3	-1.3	-46.7	11.	0.0000	0.0000	1.0476	278.0	10.2
1909.	745.9	-7.4	-1.3	-1.3	-47.6	11.	0.0000	0.0000	1.0404	278.0	10.2
1969.	738.7	-7.4	-1.3	-1.3	-48.5	11.	0.0000	0.0000	1.0332	278.0	10.2
2029.	731.5	-7.4	-1.3	-1.3	-49.4	11.	0.0000	0.0000	1.0260	278.0	10.2
2089.	724.3	-7.4	-1.3	-1.3	-50.3	11.	0.0000	0.0000	1.0188	278.0	10.2
2149.	717.1	-7.4	-1.3	-1.3	-51.2	11.	0.0000	0.0000	1.0116	278.0	10.2
2209.	709.9	-7.4	-1.3	-1.3	-52.1	11.	0.0000	0.0000	1.0044	278.0	10.2
2269.	702.7	-7.4	-1.3	-1.3	-53.0	11.	0.0000	0.0000	0.9972	278.0	10.2
2329.	695.5	-7.4	-1.3	-1.3	-53.9	11.	0.0000	0.0000	0.9900	278.0	10.2
2389.	688.3	-7.4	-1.3	-1.3	-54.8	11.	0.0000	0.0000	0.9828	278.0	10.2
2449.	681.1	-7.4	-1.3	-1.3	-55.7	11.	0.0000	0.0000	0.9756	278.0	10.2
2509.	673.9	-7.4	-1.3	-1.3	-56.6	11.	0.0000	0.0000	0.9684	278.0	10.2
2569.	666.7	-7.4	-1.3	-1.3	-57.5	11.	0.0000	0.0000	0.9612	278.0	10.2
2629.	659.5	-7.4	-1.3	-1.3	-58.4	11.	0.0000	0.0000	0.9540	278.0	10.2
2689.	652.3	-7.4	-1.3	-1.3	-59.3	11.	0.0000	0.0000	0.9468	278.0	10.2
2749.	645.1	-7.4	-1.3	-1.3	-60.2	11.	0.0000	0.0000	0.9396	278.0	10.2
2809.	637.9	-7.4	-1.3	-1.3	-61.1	11.	0.0000	0.0000	0.9324	278.0	10.2
2869.	630.7	-7.4	-1.3	-1.3	-62.0	11.	0.0000	0.0000	0.9252	278.0	10.2

HEIGHT (M)	PRES (hPa)	T (C)	THETA (C)	THETA V (C)	REL POINT (C)	REL HUM (%)	E (m/s)	1E+3-RH0 (G/M+3)	RH0 (G/M+3)	DIR (DEG)	SECT (C/D)
293.1	666.3	-22.2	8.6	8.7	-24.1	1.1	6.6	0.6545	0.9264	211.0	11.5
295.2	661.3	-22.7	8.7	8.8	-24.2	1.1	6.7	0.6549	0.9204	211.0	11.6
305.6	655.6	-23.3	8.8	8.9	-24.4	1.1	6.8	0.6554	0.9143	211.0	11.6
311.1	653.3	-23.6	8.9	9.1	-24.5	1.1	6.9	0.6558	0.9083	211.0	11.6
317.1	649.1	-23.9	9.2	9.4	-24.7	1.1	7.0	0.6562	0.9022	211.0	11.7
323.1	644.1	-24.4	9.6	9.7	-25.0	1.1	7.1	0.6566	0.8961	211.0	11.7
328.1	639.1	-24.9	10.0	10.1	-25.3	1.1	7.2	0.6570	0.8901	211.0	11.7
334.1	634.1	-25.4	10.4	10.5	-25.6	1.1	7.3	0.6574	0.8840	211.0	11.7
340.1	629.1	-25.9	10.8	10.9	-25.9	1.1	7.4	0.6578	0.8780	211.0	11.7
346.1	624.1	-26.4	11.2	11.3	-26.2	1.1	7.5	0.6582	0.8720	211.0	11.7
351.1	619.1	-26.9	11.6	11.7	-26.5	1.1	7.6	0.6586	0.8660	211.0	11.7
357.1	614.1	-27.4	12.0	12.1	-26.8	1.1	7.7	0.6590	0.8600	211.0	11.7
362.1	609.1	-27.9	12.4	12.5	-27.1	1.1	7.8	0.6594	0.8540	211.0	11.7
368.1	604.1	-28.4	12.8	12.9	-27.4	1.1	7.9	0.6598	0.8480	211.0	11.7
374.1	599.1	-28.9	13.2	13.3	-27.7	1.1	8.0	0.6602	0.8420	211.0	11.7
380.1	594.1	-29.4	13.6	13.7	-28.0	1.1	8.1	0.6606	0.8360	211.0	11.7
386.1	589.1	-29.9	14.0	14.1	-28.3	1.1	8.2	0.6610	0.8300	211.0	11.7
391.1	584.1	-30.4	14.4	14.5	-28.6	1.1	8.3	0.6614	0.8240	211.0	11.7
397.1	579.1	-30.9	14.8	14.9	-28.9	1.1	8.4	0.6618	0.8180	211.0	11.7
402.1	574.1	-31.4	15.2	15.3	-29.2	1.1	8.5	0.6622	0.8120	211.0	11.7
408.1	569.1	-31.9	15.6	15.7	-29.5	1.1	8.6	0.6626	0.8060	211.0	11.7
413.1	564.1	-32.4	16.0	16.1	-29.8	1.1	8.7	0.6630	0.8000	211.0	11.7
419.1	559.1	-32.9	16.4	16.5	-30.1	1.1	8.8	0.6634	0.7940	211.0	11.7
424.1	554.1	-33.4	16.8	16.9	-30.4	1.1	8.9	0.6638	0.7880	211.0	11.7
429.1	549.1	-33.9	17.2	17.3	-30.7	1.1	9.0	0.6642	0.7820	211.0	11.7
435.1	544.1	-34.4	17.6	17.7	-31.0	1.1	9.1	0.6646	0.7760	211.0	11.7
439.1	539.1	-34.9	18.0	18.1	-31.3	1.1	9.2	0.6650	0.7700	211.0	11.7
445.1	534.1	-35.4	18.4	18.5	-31.6	1.1	9.3	0.6654	0.7640	211.0	11.7
450.1	529.1	-35.9	18.8	18.9	-31.9	1.1	9.4	0.6658	0.7580	211.0	11.7
455.1	524.1	-36.4	19.2	19.3	-32.2	1.1	9.5	0.6662	0.7520	211.0	11.7
461.1	519.1	-36.9	19.6	19.7	-32.5	1.1	9.6	0.6666	0.7460	211.0	11.7
466.1	514.1	-37.4	20.0	20.1	-32.8	1.1	9.7	0.6670	0.7400	211.0	11.7
471.1	509.1	-37.9	20.4	20.5	-33.1	1.1	9.8	0.6674	0.7340	211.0	11.7
476.1	504.1	-38.4	20.8	20.9	-33.4	1.1	9.9	0.6678	0.7280	211.0	11.7
482.1	499.1	-38.9	21.2	21.3	-33.7	1.1	10.0	0.6682	0.7220	211.0	11.7
487.1	494.1	-39.4	21.6	21.7	-34.0	1.1	10.1	0.6686	0.7160	211.0	11.7
492.1	489.1	-39.9	22.0	22.1	-34.3	1.1	10.2	0.6690	0.7100	211.0	11.7
498.1	484.1	-40.4	22.4	22.5	-34.6	1.1	10.3	0.6694	0.7040	211.0	11.7
503.1	479.1	-40.9	22.8	22.9	-34.9	1.1	10.4	0.6698	0.6980	211.0	11.7
509.1	474.1	-41.4	23.2	23.3	-35.2	1.1	10.5	0.6702	0.6920	211.0	11.7
514.1	469.1	-41.9	23.6	23.7	-35.5	1.1	10.6	0.6706	0.6860	211.0	11.7
519.1	464.1	-42.4	24.0	24.1	-35.8	1.1	10.7	0.6710	0.6800	211.0	11.7
525.1	459.1	-42.9	24.4	24.5	-36.1	1.1	10.8	0.6714	0.6740	211.0	11.7
529.1	454.1	-43.4	24.8	24.9	-36.4	1.1	10.9	0.6718	0.6680	211.0	11.7
535.1	449.1	-43.9	25.2	25.3	-36.7	1.1	11.0	0.6722	0.6620	211.0	11.7
539.1	444.1	-44.4	25.6	25.7	-37.0	1.1	11.1	0.6726	0.6560	211.0	11.7
545.1	439.1	-44.9	26.0	26.1	-37.3	1.1	11.2	0.6730	0.6500	211.0	11.7
549.1	434.1	-45.4	26.4	26.5	-37.6	1.1	11.3	0.6734	0.6440	211.0	11.7
555.1	429.1	-45.9	26.8	26.9	-37.9	1.1	11.4	0.6738	0.6380	211.0	11.7
559.1	424.1	-46.4	27.2	27.3	-38.2	1.1	11.5	0.6742	0.6320	211.0	11.7
565.1	419.1	-46.9	27.6	27.7	-38.5	1.1	11.6	0.6746	0.6260	211.0	11.7
569.1	414.1	-47.4	28.0	28.1	-38.8	1.1	11.7	0.6750	0.6200	211.0	11.7
575.1	409.1	-47.9	28.4	28.5	-39.1	1.1	11.8	0.6754	0.6140	211.0	11.7
579.1	404.1	-48.4	28.8	28.9	-39.4	1.1	11.9	0.6758	0.6080	211.0	11.7
585.1	399.1	-48.9	29.2	29.3	-39.7	1.1	12.0	0.6762	0.6020	211.0	11.7
589.1	394.1	-49.4	29.6	29.7	-40.0	1.1	12.1	0.6766	0.5960	211.0	11.7
595.1	389.1	-49.9	30.0	30.1	-40.3	1.1	12.2	0.6770	0.5900	211.0	11.7
600.1	384.1	-50.4	30.4	30.5	-40.6	1.1	12.3	0.6774	0.5840	211.0	11.7
605.1	379.1	-50.9	30.8	30.9	-40.9	1.1	12.4	0.6778	0.5780	211.0	11.7
611.1	374.1	-51.4	31.2	31.3	-41.2	1.1	12.5	0.6782	0.5720	211.0	11.7
616.1	369.1	-51.9	31.6	31.7	-41.5	1.1	12.6	0.6786	0.5660	211.0	11.7
622.1	364.1	-52.4	32.0	32.1	-41.8	1.1	12.7	0.6790	0.5600	211.0	11.7
627.1	359.1	-52.9	32.4	32.5	-42.1	1.1	12.8	0.6794	0.5540	211.0	11.7
633.1	354.1	-53.4	32.8	32.9	-42.4	1.1	12.9	0.6798	0.5480	211.0	11.7
638.1	349.1	-53.9	33.2	33.3	-42.7	1.1	13.0	0.6802	0.5420	211.0	11.7
644.1	344.1	-54.4	33.6	33.7	-43.0	1.1	13.1	0.6806	0.5360	211.0	11.7
649.1	339.1	-54.9	34.0	34.1	-43.3	1.1	13.2	0.6810	0.5300	211.0	11.7
655.1	334.1	-55.4	34.4	34.5	-43.6	1.1	13.3	0.6814	0.5240	211.0	11.7
659.1	329.1	-55.9	34.8	34.9	-43.9	1.1	13.4	0.6818	0.5180	211.0	11.7
665.1	324.1	-56.4	35.2	35.3	-44.2	1.1	13.5	0.6822	0.5120	211.0	11.7
669.1	319.1	-56.9	35.6	35.7	-44.5	1.1	13.6	0.6826	0.5060	211.0	11.7
675.1	314.1	-57.4	36.0	36.1	-44.8	1.1	13.7	0.6830	0.5000	211.0	11.7
679.1	309.1	-57.9	36.4	36.5	-45.1	1.1	13.8	0.6834	0.4940	211.0	11.7
685.1	304.1	-58.4	36.8	36.9	-45.4	1.1	13.9	0.6838	0.4880	211.0	11.7
689.1	299.1	-58.9	37.2	37.3	-45.7	1.1	14.0	0.6842	0.4820	211.0	11.7
695.1	294.1	-59.4	37.6	37.7	-46.0	1.1	14.1	0.6846	0.4760	211.0	11.7
699.1	289.1	-59.9	38.0	38.1	-46.3	1.1	14.2	0.6850	0.4700	211.0	11.7
705.1	284.1	-60.4	38.4	38.5	-46.6	1.1	14.3	0.6854	0.4640	211.0	11.7
710.1	279.1	-60.9	38.8	38.9	-46.9	1.1	14.4	0.6858	0.4580	211.0	11.7
716.1	274.1	-61.4	39.2	39.3	-47.2	1.1	14.5	0.6862	0.4520	211.0	11.7
721.1	269.1	-61.9	39.6	39.7	-47.5	1.1	14.6	0.6866	0.4460	211.0	11.7
727.1	264.1	-62.4	40.0	40.1	-47.8	1.1	14.7	0.6870	0.4400	211.0	11.7
732.1	259.1	-62.9	40.4	40.5	-48.1	1.1	14.8	0.6874	0.4340	211.0	11.7
737.1	254.1	-63.4	40.8	40.9	-48.4	1.1	14.9	0.6878	0.4280	211.0	11.7
742.1	249.1	-63.9	41.2	41.3	-48.7	1.1	15.0	0.6882	0.4220	211.0	11.7
748.1	244.1	-64.4	41.6	41.7	-49.0	1.1	15.1	0.6886	0.4160	211.0	11.7
753.1	239.1	-64.9	42.0	42.1	-49.3	1.1	15.2	0.6890	0.4100	211.0	11.7
758.1	234.1	-65.4	42.4	42.5	-49.6	1.1	15.3	0.6894	0.4040	211.0	11.7
764.1	229.1	-65.9	42.8	42.9	-49.9	1.1	15.4	0.6898	0.3980	211.0	11.7
769.1	224.1	-66.4	43.2	43.3	-50.2	1.1	15.5	0.6902	0.3920	211.0	11.7
775.1	219.1	-66.9	43.6	43.7	-50.5	1.1	15.6	0.6906	0.3860	211.0	11.7
779.1	214.1	-67.4	44.0	44.1	-50.8	1.1	15.7	0.6910	0.3800	211.0	11.7
785.1	209.1	-67.9	44.4	44.5	-51.1	1.1	15.8	0.6914	0.3740	211.0	11.7
789.1	204.1	-68.4	44.8	44.9	-51.4	1.1	15.9	0.6918	0.3680	211.0	11.7
795.1	199.1	-68.9	45.2	45.3	-51.7	1.1	16.0	0.6922	0.3620	211.0	11.7
800.1	194.1	-69.4	45.6	45.7	-52.0	1.1	16.1	0.6926	0.3560	211.0	11.7
805.1	189.1	-69.9	46.0	46.1	-52.3	1.1	16.2	0.6930	0.3500	211.0	11.7
811.1	184.1	-70.4	46.4	46.5	-52.6	1.1	16.3	0.6934	0.3440	211.0	11.7
816.1	179.1	-70.9	46.8	46.9	-52.9	1.1	16.4	0.6938	0.3380	211.0	11.7
822.1	174.1	-71.4	47.2	47.3	-53.2	1.1	16.5	0.6942	0.3320	211.0	11.7
827.1	169.1	-71.9	47.6	47.7	-53.5	1.1	16.6	0.6946	0.3260	211.0	11.7
833.1	164.1	-72.4	48.0	48.1	-53.8	1.1	16.7	0.6950	0.3200	211.0	11.7
838.1	159.1	-72.9	48.4	48.5	-54.1	1.1	16.8	0.6954	0.3140	211.0	11.7

HEIGHT (M)	PRFS (M)	T (C)	THETA (C)	THETA V (C)	DEL. POINT (C)	RFL. HUM (C)	F (M)	1E+3-RHOW (G/M+3)	RHO (G/M+3)	DIR (DEG)	SPEED (M/S)
89.8	27.3	-5.1	42.7	42.7	-8.7	1.	0.000000	0.000000	0.4266	22.0	21.7
90.3	27.4	-5.1	42.7	42.7	-8.6	1.	0.000000	0.000000	0.4334	22.0	21.7
90.8	27.5	-5.1	42.7	42.7	-8.5	1.	0.000000	0.000000	0.4402	22.0	21.7
91.3	27.6	-5.1	42.7	42.7	-8.4	1.	0.000000	0.000000	0.4470	22.0	21.7
91.8	27.7	-5.1	42.7	42.7	-8.3	1.	0.000000	0.000000	0.4538	22.0	21.7
92.3	27.8	-5.1	42.7	42.7	-8.2	1.	0.000000	0.000000	0.4606	22.0	21.7
92.8	27.9	-5.1	42.7	42.7	-8.1	1.	0.000000	0.000000	0.4674	22.0	21.7
93.3	28.0	-5.1	42.7	42.7	-8.0	1.	0.000000	0.000000	0.4742	22.0	21.7
93.8	28.1	-5.1	42.7	42.7	-7.9	1.	0.000000	0.000000	0.4810	22.0	21.7
94.3	28.2	-5.1	42.7	42.7	-7.8	1.	0.000000	0.000000	0.4878	22.0	21.7
94.8	28.3	-5.1	42.7	42.7	-7.7	1.	0.000000	0.000000	0.4946	22.0	21.7
95.3	28.4	-5.1	42.7	42.7	-7.6	1.	0.000000	0.000000	0.5014	22.0	21.7
95.8	28.5	-5.1	42.7	42.7	-7.5	1.	0.000000	0.000000	0.5082	22.0	21.7
96.3	28.6	-5.1	42.7	42.7	-7.4	1.	0.000000	0.000000	0.5150	22.0	21.7
96.8	28.7	-5.1	42.7	42.7	-7.3	1.	0.000000	0.000000	0.5218	22.0	21.7
97.3	28.8	-5.1	42.7	42.7	-7.2	1.	0.000000	0.000000	0.5286	22.0	21.7
97.8	28.9	-5.1	42.7	42.7	-7.1	1.	0.000000	0.000000	0.5354	22.0	21.7
98.3	29.0	-5.1	42.7	42.7	-7.0	1.	0.000000	0.000000	0.5422	22.0	21.7
98.8	29.1	-5.1	42.7	42.7	-6.9	1.	0.000000	0.000000	0.5490	22.0	21.7
99.3	29.2	-5.1	42.7	42.7	-6.8	1.	0.000000	0.000000	0.5558	22.0	21.7
99.8	29.3	-5.1	42.7	42.7	-6.7	1.	0.000000	0.000000	0.5626	22.0	21.7
100.3	29.4	-5.1	42.7	42.7	-6.6	1.	0.000000	0.000000	0.5694	22.0	21.7
100.8	29.5	-5.1	42.7	42.7	-6.5	1.	0.000000	0.000000	0.5762	22.0	21.7
101.3	29.6	-5.1	42.7	42.7	-6.4	1.	0.000000	0.000000	0.5830	22.0	21.7
101.8	29.7	-5.1	42.7	42.7	-6.3	1.	0.000000	0.000000	0.5898	22.0	21.7
102.3	29.8	-5.1	42.7	42.7	-6.2	1.	0.000000	0.000000	0.5966	22.0	21.7
102.8	29.9	-5.1	42.7	42.7	-6.1	1.	0.000000	0.000000	0.6034	22.0	21.7
103.3	30.0	-5.1	42.7	42.7	-6.0	1.	0.000000	0.000000	0.6102	22.0	21.7
103.8	30.1	-5.1	42.7	42.7	-5.9	1.	0.000000	0.000000	0.6170	22.0	21.7
104.3	30.2	-5.1	42.7	42.7	-5.8	1.	0.000000	0.000000	0.6238	22.0	21.7
104.8	30.3	-5.1	42.7	42.7	-5.7	1.	0.000000	0.000000	0.6306	22.0	21.7
105.3	30.4	-5.1	42.7	42.7	-5.6	1.	0.000000	0.000000	0.6374	22.0	21.7
105.8	30.5	-5.1	42.7	42.7	-5.5	1.	0.000000	0.000000	0.6442	22.0	21.7
106.3	30.6	-5.1	42.7	42.7	-5.4	1.	0.000000	0.000000	0.6510	22.0	21.7
106.8	30.7	-5.1	42.7	42.7	-5.3	1.	0.000000	0.000000	0.6578	22.0	21.7
107.3	30.8	-5.1	42.7	42.7	-5.2	1.	0.000000	0.000000	0.6646	22.0	21.7
107.8	30.9	-5.1	42.7	42.7	-5.1	1.	0.000000	0.000000	0.6714	22.0	21.7
108.3	31.0	-5.1	42.7	42.7	-5.0	1.	0.000000	0.000000	0.6782	22.0	21.7
108.8	31.1	-5.1	42.7	42.7	-4.9	1.	0.000000	0.000000	0.6850	22.0	21.7
109.3	31.2	-5.1	42.7	42.7	-4.8	1.	0.000000	0.000000	0.6918	22.0	21.7
109.8	31.3	-5.1	42.7	42.7	-4.7	1.	0.000000	0.000000	0.6986	22.0	21.7
110.3	31.4	-5.1	42.7	42.7	-4.6	1.	0.000000	0.000000	0.7054	22.0	21.7
110.8	31.5	-5.1	42.7	42.7	-4.5	1.	0.000000	0.000000	0.7122	22.0	21.7
111.3	31.6	-5.1	42.7	42.7	-4.4	1.	0.000000	0.000000	0.7190	22.0	21.7
111.8	31.7	-5.1	42.7	42.7	-4.3	1.	0.000000	0.000000	0.7258	22.0	21.7
112.3	31.8	-5.1	42.7	42.7	-4.2	1.	0.000000	0.000000	0.7326	22.0	21.7
112.8	31.9	-5.1	42.7	42.7	-4.1	1.	0.000000	0.000000	0.7394	22.0	21.7
113.3	32.0	-5.1	42.7	42.7	-4.0	1.	0.000000	0.000000	0.7462	22.0	21.7
113.8	32.1	-5.1	42.7	42.7	-3.9	1.	0.000000	0.000000	0.7530	22.0	21.7
114.3	32.2	-5.1	42.7	42.7	-3.8	1.	0.000000	0.000000	0.7598	22.0	21.7
114.8	32.3	-5.1	42.7	42.7	-3.7	1.	0.000000	0.000000	0.7666	22.0	21.7
115.3	32.4	-5.1	42.7	42.7	-3.6	1.	0.000000	0.000000	0.7734	22.0	21.7
115.8	32.5	-5.1	42.7	42.7	-3.5	1.	0.000000	0.000000	0.7802	22.0	21.7
116.3	32.6	-5.1	42.7	42.7	-3.4	1.	0.000000	0.000000	0.7870	22.0	21.7
116.8	32.7	-5.1	42.7	42.7	-3.3	1.	0.000000	0.000000	0.7938	22.0	21.7
117.3	32.8	-5.1	42.7	42.7	-3.2	1.	0.000000	0.000000	0.8006	22.0	21.7
117.8	32.9	-5.1	42.7	42.7	-3.1	1.	0.000000	0.000000	0.8074	22.0	21.7
118.3	33.0	-5.1	42.7	42.7	-3.0	1.	0.000000	0.000000	0.8142	22.0	21.7
118.8	33.1	-5.1	42.7	42.7	-2.9	1.	0.000000	0.000000	0.8210	22.0	21.7
119.3	33.2	-5.1	42.7	42.7	-2.8	1.	0.000000	0.000000	0.8278	22.0	21.7
119.8	33.3	-5.1	42.7	42.7	-2.7	1.	0.000000	0.000000	0.8346	22.0	21.7
120.3	33.4	-5.1	42.7	42.7	-2.6	1.	0.000000	0.000000	0.8414	22.0	21.7
120.8	33.5	-5.1	42.7	42.7	-2.5	1.	0.000000	0.000000	0.8482	22.0	21.7
121.3	33.6	-5.1	42.7	42.7	-2.4	1.	0.000000	0.000000	0.8550	22.0	21.7
121.8	33.7	-5.1	42.7	42.7	-2.3	1.	0.000000	0.000000	0.8618	22.0	21.7
122.3	33.8	-5.1	42.7	42.7	-2.2	1.	0.000000	0.000000	0.8686	22.0	21.7
122.8	33.9	-5.1	42.7	42.7	-2.1	1.	0.000000	0.000000	0.8754	22.0	21.7
123.3	34.0	-5.1	42.7	42.7	-2.0	1.	0.000000	0.000000	0.8822	22.0	21.7
123.8	34.1	-5.1	42.7	42.7	-1.9	1.	0.000000	0.000000	0.8890	22.0	21.7
124.3	34.2	-5.1	42.7	42.7	-1.8	1.	0.000000	0.000000	0.8958	22.0	21.7
124.8	34.3	-5.1	42.7	42.7	-1.7	1.	0.000000	0.000000	0.9026	22.0	21.7
125.3	34.4	-5.1	42.7	42.7	-1.6	1.	0.000000	0.000000	0.9094	22.0	21.7
125.8	34.5	-5.1	42.7	42.7	-1.5	1.	0.000000	0.000000	0.9162	22.0	21.7
126.3	34.6	-5.1	42.7	42.7	-1.4	1.	0.000000	0.000000	0.9230	22.0	21.7
126.8	34.7	-5.1	42.7	42.7	-1.3	1.	0.000000	0.000000	0.9298	22.0	21.7
127.3	34.8	-5.1	42.7	42.7	-1.2	1.	0.000000	0.000000	0.9366	22.0	21.7
127.8	34.9	-5.1	42.7	42.7	-1.1	1.	0.000000	0.000000	0.9434	22.0	21.7
128.3	35.0	-5.1	42.7	42.7	-1.0	1.	0.000000	0.000000	0.9502	22.0	21.7
128.8	35.1	-5.1	42.7	42.7	-0.9	1.	0.000000	0.000000	0.9570	22.0	21.7
129.3	35.2	-5.1	42.7	42.7	-0.8	1.	0.000000	0.000000	0.9638	22.0	21.7
129.8	35.3	-5.1	42.7	42.7	-0.7	1.	0.000000	0.000000	0.9706	22.0	21.7
130.3	35.4	-5.1	42.7	42.7	-0.6	1.	0.000000	0.000000	0.9774	22.0	21.7
130.8	35.5	-5.1	42.7	42.7	-0.5	1.	0.000000	0.000000	0.9842	22.0	21.7
131.3	35.6	-5.1	42.7	42.7	-0.4	1.	0.000000	0.000000	0.9910	22.0	21.7
131.8	35.7	-5.1	42.7	42.7	-0.3	1.	0.000000	0.000000	0.9978	22.0	21.7
132.3	35.8	-5.1	42.7	42.7	-0.2	1.	0.000000	0.000000	1.0046	22.0	21.7
132.8	35.9	-5.1	42.7	42.7	-0.1	1.	0.000000	0.000000	1.0114	22.0	21.7
133.3	36.0	-5.1	42.7	42.7	0.0	1.	0.000000	0.000000	1.0182	22.0	21.7
133.8	36.1	-5.1	42.7	42.7	0.1	1.	0.000000	0.000000	1.0250	22.0	21.7
134.3	36.2	-5.1	42.7	42.7	0.2	1.	0.000000	0.000000	1.0318	22.0	21.7
134.8	36.3	-5.1	42.7	42.7	0.3	1.	0.000000	0.000000	1.0386	22.0	21.7
135.3	36.4	-5.1	42.7	42.7	0.4	1.	0.000000	0.000000	1.0454	22.0	21.7
135.8	36.5	-5.1	42.7	42.7	0.5	1.	0.000000	0.000000	1.0522	22.0	21.7
136.3	36.6	-5.1	42.7	42.7	0.6	1.	0.000000	0.000000	1.0590	22.0	21.7
136.8	36.7	-5.1	42.7	42.7	0.7	1.	0.000000	0.000000	1.0658	22.0	21.7
137.3	36.8	-5.1	42.7	42.7	0.8	1.	0.000000	0.000000	1.0726	22.0	21.7
137.8	36.9	-5.1	42.7	42.7	0.9	1.	0.000000	0.000000	1.0794	22.0	21.7
138.3	37.0	-5.1	42.7	42.7	1.0	1.	0.000000	0.000000	1.0862	22.0	21.7
138.8	37.1	-5.1	42.7	42.7	1.1	1.	0.000000	0.000000	1.0930	22.0	21.7
139.3	37.2	-5.1	42.7	42.7	1.2	1.	0.000000	0.000000	1.0998	22.0	21.7
139.8	37.3	-5.1	42.7	42.7	1.3	1.	0.000000	0.000000	1.1066	22.0	21.7
140.3	37.4	-5.1	42.7	42.7	1.4	1.	0.000000	0.000000	1.1134	22.0	21.7
140.8	37.5	-5.1	42.7	42.7	1.5	1.	0.000000	0.000000	1.1		

HEIGHT (M)	PRES (MM)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	RFL HUM (%)	E (MM)	1E+3+RH0V (G/M+3)	RH0 (G/M+3)	D1K (DEG)	SPEED (M/S)
14170.	121.8	-51.0	132.2	132.2	-82.7	1.	0.00003	0.0004	0.1910	294.0	48.2
14218.	120.9	-50.7	133.6	133.6	-82.4	1.	0.00004	0.0004	0.1893	294.0	48.2
14267.	120.0	-50.3	135.2	135.2	-82.1	1.	0.00004	0.0004	0.1876	294.0	48.3
14316.	119.1	-49.9	136.8	136.8	-81.9	1.	0.00004	0.0005	0.1858	294.0	48.0
14366.	118.2	-49.5	137.7	137.7	-81.9	1.	0.00004	0.0005	0.1844	294.0	48.0
14416.	117.3	-50.0	138.4	138.4	-81.9	1.	0.00004	0.0004	0.1831	294.0	48.0
14466.	116.5	-50.1	139.0	139.0	-82.0	1.	0.00004	0.0004	0.1820	294.0	48.0
14516.	115.7	-50.2	139.6	139.6	-82.1	1.	0.00004	0.0004	0.1808	294.0	48.0
14566.	114.8	-50.3	140.4	140.4	-82.1	1.	0.00004	0.0004	0.1795	294.0	48.0
14616.	114.0	-50.4	141.0	141.0	-82.2	1.	0.00004	0.0004	0.1783	294.0	48.0
14666.	113.1	-50.5	141.8	141.8	-82.3	1.	0.00004	0.0004	0.1770	294.0	48.2
14716.	112.2	-50.5	142.7	142.7	-82.3	1.	0.00004	0.0004	0.1755	294.0	48.2
14766.	111.5	-50.4	143.7	143.7	-82.2	1.	0.00004	0.0004	0.1744	294.0	48.3
14816.	110.7	-50.3	144.7	144.7	-82.1	1.	0.00004	0.0004	0.1730	294.0	48.4
14866.	109.8	-50.3	145.7	145.7	-82.1	1.	0.00004	0.0004	0.1716	294.0	48.5
14916.	109.0	-50.3	146.6	146.6	-82.1	1.	0.00004	0.0004	0.1704	294.0	48.6
14966.	108.2	-50.3	147.4	147.4	-82.1	1.	0.00004	0.0004	0.1691	294.0	48.6
15016.	107.3	-50.3	148.4	148.4	-82.1	1.	0.00004	0.0004	0.1677	294.0	48.6
15066.	106.5	-50.2	149.5	149.5	-82.2	1.	0.00004	0.0004	0.1664	294.0	48.9
15116.	105.7	-50.0	150.8	150.8	-81.9	1.	0.00004	0.0004	0.1650	294.0	48.9
15166.	104.9	-49.8	152.1	152.1	-81.8	1.	0.00004	0.0005	0.1636	294.0	49.0
15216.	104.1	-49.8	153.1	153.1	-81.8	1.	0.00004	0.0005	0.1624	294.0	49.1
15266.	103.4	-49.9	153.7	153.7	-81.9	1.	0.00004	0.0005	0.1613	294.0	49.2
15316.	102.6	-50.0	154.4	154.4	-81.9	1.	0.00004	0.0004	0.1602	294.0	49.2
15366.	101.8	-49.9	155.6	155.6	-81.9	1.	0.00004	0.0005	0.1588	294.0	49.3
15416.	101.1	-49.8	156.6	156.6	-81.8	1.	0.00004	0.0005	0.1577	294.0	49.4
15466.	100.3	-49.6	158.0	158.0	-81.6	1.	0.00004	0.0005	0.1563	294.0	49.6
15516.	99.6	-49.6	158.9	158.9	-81.6	1.	0.00004	0.0005	0.1552	294.0	49.6
15566.	98.9	-49.6	159.7	159.7	-81.6	1.	0.00004	0.0005	0.1541	294.0	49.8
15616.	98.2	-49.6	160.6	160.6	-81.6	1.	0.00004	0.0005	0.1530	294.0	49.8
15666.	97.4	-49.6	161.6	161.6	-81.7	1.	0.00004	0.0005	0.1518	294.0	50.0
15716.	96.7	-49.7	162.8	162.8	-81.7	1.	0.00004	0.0005	0.1508	294.0	50.0
15766.	96.0	-49.7	163.8	163.8	-81.9	1.	0.00004	0.0005	0.1498	294.0	50.1
15816.	95.3	-50.0	164.1	164.1	-82.1	1.	0.00004	0.0004	0.1488	294.0	50.4
15866.	94.6	-50.2	164.1	164.1	-82.1	1.	0.00004	0.0004	0.1478	294.0	50.6
15916.	93.8	-50.4	164.8	164.8	-82.2	1.	0.00004	0.0004	0.1467	294.0	50.7
15966.	93.1	-50.5	165.5	165.5	-82.3	1.	0.00004	0.0004	0.1457	294.0	51.0
16016.	92.4	-50.5	166.4	166.4	-82.3	1.	0.00004	0.0004	0.1446	294.0	51.2
16066.	91.7	-50.4	167.6	167.6	-82.2	1.	0.00004	0.0004	0.1434	294.0	51.3
16116.	91.0	-50.3	168.8	168.8	-82.1	1.	0.00004	0.0004	0.1423	293.0	51.5
16166.	90.3	-50.2	169.4	169.4	-82.1	1.	0.00004	0.0004	0.1411	293.0	51.7
16216.	89.5	-50.0	171.5	171.5	-81.9	1.	0.00004	0.0004	0.1397	293.0	51.9
16266.	88.8	-49.9	172.7	172.7	-81.8	1.	0.00004	0.0005	0.1385	293.0	52.1
16316.	88.1	-49.9	173.7	173.7	-81.7	1.	0.00004	0.0005	0.1375	293.0	52.1
16366.	87.4	-49.8	174.7	174.7	-81.8	1.	0.00004	0.0005	0.1364	293.0	52.2
16416.	86.8	-49.8	175.8	175.8	-81.7	1.	0.00004	0.0005	0.1354	292.0	52.5
16466.	86.1	-49.7	177.0	177.0	-81.7	1.	0.00004	0.0005	0.1342	291.0	52.7
16516.	85.4	-49.7	178.1	178.1	-81.7	1.	0.00004	0.0005	0.1331	291.0	52.6
16566.	84.7	-49.9	178.7	178.7	-81.9	1.	0.00004	0.0005	0.1322	291.0	52.7
16616.	84.0	-50.1	179.4	179.4	-82.0	1.	0.00004	0.0004	0.1312	290.0	52.8
16666.	83.4	-50.2	180.1	180.1	-82.1	1.	0.00004	0.0004	0.1303	290.0	53.0
16716.	82.7	-50.3	181.0	181.0	-82.1	1.	0.00004	0.0004	0.1293	290.0	53.1
16766.	82.1	-50.2	182.1	182.1	-82.1	1.	0.00004	0.0004	0.1283	290.0	53.4
16816.	81.5	-50.1	183.3	183.3	-82.0	1.	0.00004	0.0004	0.1273	290.0	53.5
16866.	80.8	-50.1	184.4	184.4	-82.0	1.	0.00004	0.0004	0.1262	290.0	53.7
16916.	80.2	-50.1	185.4	185.4	-81.9	1.	0.00004	0.0004	0.1253	290.0	53.7
16966.	79.5	-49.9	187.7	187.7	-81.9	1.	0.00004	0.0005	0.1241	290.0	53.8
17016.	78.9	-49.7	188.8	188.8	-81.7	1.	0.00004	0.0005	0.1230	290.0	54.1
17066.	78.3	-49.5	189.9	189.9	-81.5	1.	0.00004	0.0005	0.1220	290.0	54.4
17116.	77.7	-49.4	191.0	191.0	-81.5	1.	0.00004	0.0005	0.1210	290.0	54.4
17166.	77.1	-49.2	192.5	192.5	-81.3	1.	0.00004	0.0005	0.1199	290.0	54.4
17216.	76.5	-49.2	193.5	193.5	-81.3	1.	0.00004	0.0005	0.1190	290.0	54.3
17266.	75.9	-49.2	194.6	194.6	-81.3	1.	0.00004	0.0005	0.1181	290.0	54.4
17316.	75.4	-49.2	195.4	195.4	-81.3	1.	0.00004	0.0005	0.1173	290.0	54.4
17366.	74.8	-49.1	196.7	196.7	-81.3	1.	0.00004	0.0005	0.1163	290.0	54.4
17416.	74.3	-49.1	197.8	197.8	-81.2	1.	0.00004	0.0005	0.1155	290.0	54.4
17466.	73.8	-49.1	198.5	198.5	-81.3	1.	0.00004	0.0005	0.1147	290.0	54.4
17516.	73.2	-49.2	199.4	199.4	-81.3	1.	0.00004	0.0005	0.1139	290.0	54.4
17566.	72.7	-49.3	200.1	200.1	-81.4	1.	0.00004	0.0005	0.1131	290.0	54.1
17616.	72.1	-49.1	201.7	201.7	-81.4	1.	0.00004	0.0005	0.1121	290.0	54.1
17666.	71.5	-49.0	203.7	203.7	-81.1	1.	0.00004	0.0005	0.1111	290.0	54.1
17716.	70.9	-48.8	205.4	205.4	-81.1	1.	0.00004	0.0005	0.1101	290.0	54.1
17766.	70.3	-48.6	207.1	207.1	-81.1	1.	0.00004	0.0005	0.1093	290.0	54.1
17816.	69.7	-48.4	208.5	208.5	-81.1	1.	0.00004	0.0005	0.1087	290.0	54.1
17866.	69.2	-48.3	209.6	209.6	-81.6	1.	0.00004	0.0005	0.1078	290.0	54.1
17916.	68.7	-48.3	210.7	210.7	-81.6	1.	0.00004	0.0005	0.1070	290.0	54.1
17966.	68.2	-48.4	211.8	211.8	-81.5	1.	0.00004	0.0005	0.1062	290.0	54.1
18016.	67.7	-48.4	212.8	212.8	-81.5	1.	0.00004	0.0005	0.1053	290.0	54.1
18066.	67.2	-48.7	213.8	213.8	-81.1	1.	0.00004	0.0005	0.1044	290.0	54.1
18116.	66.7	-48.8	214.8	214.8	-81.1	1.	0.00004	0.0005	0.1036	290.0	54.1
18166.	66.2	-48.8	215.8	215.8	-81.1	1.	0.00004	0.0005	0.1028	290.0	54.1
18216.	65.7	-48.7	216.8	216.8	-81.0	1.	0.00004	0.0005	0.1020	290.0	54.1
18266.	65.1	-48.6	217.8	217.8	-81.0	1.	0.00004	0.0005	0.1010	290.0	54.1
18316.	64.6	-48.5	218.8	218.8	-81.0	1.	0.00004	0.0005	0.1002	290.0	54.1
18366.	64.1	-48.4	219.9	219.9	-81.0	1.	0.00004	0.0005	0.0993	290.0	54.1
18416.	63.6	-48.3	220.9	220.9	-81.0	1.	0.00004	0.0005	0.0983	290.0	54.1
18466.	63.1	-47.7	222.0	222.0	-80.9	1.	0.00004	0.0006	0.0974	290.0	54.1
18516.	62.6	-47.4	223.0	223.0	-80.9	1.	0.00004	0.0006	0.0966	290.0	54.1
18566.	62.1	-47.4	224.1	224.1	-80.9	1.	0.00004	0.0006	0.0958	290.0	54.1
18616.	61.7	-47.4	225.1	225.1	-80.9	1.	0.00004	0.0006	0.0953	290.0	54.1
18666.	61.2	-47.4	226.1	226.1	-80.9	1.	0.00004	0.0006	0.0946	290.0	54.1
18716.	60.7	-47.4	227.1	227.1	-80.9	1.	0.00004	0.0006	0.0939	290.0	54.1
18766.	60.2	-47.4	228.1	228.1	-80.9	1.	0.00004	0.0006	0.0932	290.0	54.1
18816.	59.8	-47.4	229.1	229.1	-80.9	1.	0.00004	0.0006	0.0926	290.0	54.1
18866.	59.4	-47.4	230.1	230.1	-81.1	1.	0.00004	0.0006	0.0921	290.0	54.1
18916.	58.9	-47.4	231.1	231.1	-81.1	1.	0.00004	0.0006	0.0915	290.0	54.1
18966.	58.4	-47.4	232.1	232.1	-81.1	1.	0.00004	0.0006	0.0907	290.0	54.1
19016.	57.9	-47.4	233.1	233.1	-80.9	1.	0.00004	0.0006	0.0900	290.0	54.1
19066.	57.5	-47.4	234.1	234.1	-80.9	1.	0.00004	0.0006	0.0894	290.0	54.1
19116.	57.1	-47.4	235.1	235.1	-80.9	1.	0.00004	0.0006	0.0885	290.0	54.1
19166.	56.7	-47.4	236.1	236.1	-80.9	1.	0.00004	0			

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3+RH0W (G/M+3)	RHO (KG/M+3)	DIR (DEG)	SPEED (KTS)
19613.	53.0	-48.1	247.6	247.6	-80.5	1.	0.00035	0.0006	0.0020	283.0	56.0
19663.	52.6	-48.1	248.8	248.8	-80.5	1.	0.00035	0.0006	0.0014	283.0	56.0
19713.	52.1	-47.7	250.7	250.7	-80.2	1.	0.00035	0.0006	0.0007	283.0	56.0
19777.	51.7	-47.5	252.7	252.7	-80.1	1.	0.00035	0.0006	0.0000	283.0	56.0
19828.	51.3	-47.3	254.4	254.4	-79.9	1.	0.00035	0.0006	0.0000	283.0	56.0
19880.	50.9	-47.2	255.8	255.8	-79.9	1.	0.00035	0.0006	0.0000	283.0	56.0
19932.	50.5	-47.3	256.7	256.7	-79.9	1.	0.00035	0.0006	0.0000	283.0	56.0
19984.	50.1	-47.4	257.7	257.7	-80.0	1.	0.00035	0.0006	0.0000	283.0	56.0
20037.	49.7	-47.5	258.7	258.7	-80.1	1.	0.00035	0.0006	0.0000	283.0	56.0
20090.	49.3	-47.5	259.9	259.9	-80.1	1.	0.00035	0.0006	0.0000	283.0	56.0
20144.	48.9	-47.5	261.2	261.2	-80.1	1.	0.00035	0.0006	0.0000	283.0	56.0
20196.	48.5	-47.5	262.4	262.4	-80.1	1.	0.00035	0.0006	0.0000	283.0	56.0
20253.	48.1	-47.4	263.9	263.9	-80.0	1.	0.00035	0.0006	0.0000	283.0	56.0

SOUNDING 14.0
 LATITUDE -59.4 LONGITUDE 5.3
 DATE 10-22-81 TIME 1149 GMT
 NUMBER OF LEVELS 67

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3+RH0W (G/M+3)	RHO (KG/M+3)	DIR (DEG)	SPEED (KTS)
0.	985.3	-8.0	-7.5	-7.2	-11.0	61.	2.3925	1.9773	1.2994	270.0	16.0
55.	970.3	-8.1	-7.5	-7.3	-12.2	61.	2.1520	1.7867	1.2959	270.0	16.0
117.	970.4	-11.2	-8.9	-8.7	-13.4	62.	1.9230	1.6041	1.2921	269.0	16.0
182.	962.3	-11.4	-9.0	-8.8	-14.1	62.	1.8058	1.5103	1.2887	268.0	16.0
244.	954.4	-12.6	-9.1	-8.9	-14.6	62.	1.7158	1.4381	1.2775	266.0	16.0
306.	946.6	-13.6	-9.1	-8.9	-15.2	62.	1.6247	1.3652	1.2700	265.0	16.0
367.	939.2	-13.6	-9.1	-8.9	-15.7	64.	1.5347	1.2951	1.2626	264.0	16.0
427.	931.7	-14.0	-9.1	-8.9	-16.2	64.	1.4470	1.2251	1.2551	263.0	16.0
486.	924.5	-14.3	-9.1	-8.9	-16.7	65.	1.3623	1.2000	1.2483	262.0	16.0
542.	917.7	-15.3	-8.9	-8.7	-17.0	65.	1.2792	1.1610	1.2410	261.0	16.0
595.	911.2	-15.7	-8.6	-8.6	-17.3	66.	1.1979	1.1331	1.2341	260.0	16.0
647.	904.9	-15.9	-8.5	-8.3	-17.5	66.	1.1132	1.1131	1.2265	259.0	16.0
695.	899.2	-14.6	-6.6	-6.5	-16.1	67.	1.0281	1.0928	1.2188	258.0	16.0
745.	893.3	-13.2	-4.7	-4.5	-14.7	67.	1.0227	1.0727	1.1985	257.0	16.0
794.	887.6	-11.8	-2.7	-2.5	-13.2	68.	1.0248	1.0629	1.1847	256.0	16.0
841.	882.2	-11.7	-1.7	-1.5	-13.1	68.	1.0274	1.0643	1.1771	255.0	16.0
885.	877.1	-11.7	-1.7	-1.5	-13.1	68.	1.0274	1.0643	1.1703	254.0	16.0
931.	871.8	-11.5	-1.5	-1.3	-13.2	69.	1.0262	1.0632	1.1641	253.0	16.0
977.	866.6	-12.2	-1.1	-1.1	-13.7	69.	1.0248	1.0629	1.1584	252.0	16.0
1023.	861.4	-12.5	-0.6	-0.4	-13.7	69.	1.0227	1.0627	1.1522	251.0	16.0
1073.	855.7	-12.7	-0.3	-0.1	-13.9	69.	1.0209	1.0609	1.1452	250.0	16.0
1124.	850.2	-12.7	-0.3	-0.1	-14.0	69.	1.0183	1.0583	1.1386	249.0	16.0
1171.	844.8	-13.2	0.1	0.0	-14.2	70.	1.0153	1.0553	1.1328	248.0	16.0
1219.	839.5	-13.2	0.1	0.0	-14.2	70.	1.0124	1.0524	1.1265	247.0	16.0
1262.	834.8	-13.4	0.6	0.5	-14.4	71.	1.0094	1.0494	1.1210	246.0	16.0
1304.	830.4	-13.6	0.7	0.6	-14.4	71.	1.0064	1.0464	1.1153	245.0	16.0
1351.	825.1	-13.6	1.1	1.0	-14.5	72.	1.0034	1.0434	1.1099	244.0	16.0
1397.	820.1	-13.7	1.4	1.3	-14.6	72.	1.0004	1.0404	1.1046	243.0	16.0
1443.	815.1	-13.8	1.9	1.8	-14.6	73.	0.9974	1.0374	1.0993	242.0	16.0
1492.	810.9	-14.1	2.2	2.1	-14.9	73.	0.9944	1.0344	1.0940	241.0	16.0
1539.	806.4	-14.4	2.5	2.4	-15.1	74.	0.9914	1.0314	1.0887	240.0	16.0
1587.	802.0	-14.8	2.8	2.7	-15.4	74.	0.9884	1.0284	1.0834	239.0	16.0
1637.	797.5	-14.8	3.1	3.0	-15.4	74.	0.9854	1.0254	1.0781	238.0	16.0
1687.	793.0	-14.8	3.4	3.3	-15.4	74.	0.9824	1.0224	1.0728	237.0	16.0
1737.	788.5	-14.8	3.7	3.6	-15.4	74.	0.9794	1.0194	1.0675	236.0	16.0
1787.	784.0	-14.8	4.0	3.9	-15.4	74.	0.9764	1.0164	1.0622	235.0	16.0
1837.	779.5	-14.8	4.3	4.2	-15.4	74.	0.9734	1.0134	1.0569	234.0	16.0
1887.	775.0	-14.8	4.6	4.5	-15.4	74.	0.9704	1.0104	1.0516	233.0	16.0
1937.	770.5	-14.8	4.9	4.8	-15.4	74.	0.9674	1.0074	1.0463	232.0	16.0
1987.	766.0	-14.8	5.2	5.1	-15.4	74.	0.9644	1.0044	1.0410	231.0	16.0
2037.	761.5	-14.8	5.5	5.4	-15.4	74.	0.9614	1.0014	1.0357	230.0	16.0
2087.	757.0	-14.8	5.8	5.7	-15.4	74.	0.9584	0.9984	1.0304	229.0	16.0
2137.	752.5	-14.8	6.1	6.0	-15.4	74.	0.9554	0.9954	1.0251	228.0	16.0
2187.	748.0	-14.8	6.4	6.3	-15.4	74.	0.9524	0.9924	1.0198	227.0	16.0
2237.	743.5	-14.8	6.7	6.6	-15.4	74.	0.9494	0.9894	1.0145	226.0	16.0
2287.	739.0	-14.8	7.0	6.9	-15.4	74.	0.9464	0.9864	1.0092	225.0	16.0
2337.	734.5	-14.8	7.3	7.2	-15.4	74.	0.9434	0.9834	1.0039	224.0	16.0
2387.	730.0	-14.8	7.6	7.5	-15.4	74.	0.9404	0.9804	0.9986	223.0	16.0
2437.	725.5	-14.8	7.9	7.8	-15.4	74.	0.9374	0.9774	0.9933	222.0	16.0
2487.	721.0	-14.8	8.2	8.1	-15.4	74.	0.9344	0.9744	0.9880	221.0	16.0
2537.	716.5	-14.8	8.5	8.4	-15.4	74.	0.9314	0.9714	0.9827	220.0	16.0
2587.	712.0	-14.8	8.8	8.7	-15.4	74.	0.9284	0.9684	0.9774	219.0	16.0
2637.	707.5	-14.8	9.1	9.0	-15.4	74.	0.9254	0.9654	0.9721	218.0	16.0
2687.	703.0	-14.8	9.4	9.3	-15.4	74.	0.9224	0.9624	0.9668	217.0	16.0
2737.	698.5	-14.8	9.7	9.6	-15.4	74.	0.9194	0.9594	0.9615	216.0	16.0
2787.	694.0	-14.8	10.0	9.9	-15.4	74.	0.9164	0.9564	0.9562	215.0	16.0
2837.	689.5	-14.8	10.3	10.2	-15.4	74.	0.9134	0.9534	0.9509	214.0	16.0
2887.	685.0	-14.8	10.6	10.5	-15.4	74.	0.9104	0.9504	0.9456	213.0	16.0
2937.	680.5	-14.8	10.9	10.8	-15.4	74.	0.9074	0.9474	0.9403	212.0	16.0
2987.	676.0	-14.8	11.2	11.1	-15.4	74.	0.9044	0.9444	0.9350	211.0	16.0
3037.	671.5	-14.8	11.5	11.4	-15.4	74.	0.9014	0.9414	0.9297	210.0	16.0
3087.	667.0	-14.8	11.8	11.7	-15.4	74.	0.8984	0.9384	0.9244	209.0	16.0
3137.	662.5	-14.8	12.1	12.0	-15.4	74.	0.8954	0.9354	0.9191	208.0	16.0
3187.	658.0	-14.8	12.4	12.3	-15.4	74.	0.8924	0.9324	0.9138	207.0	16.0
3237.	653.5	-14.8	12.7	12.6	-15.4	74.	0.8894	0.9294	0.9085	206.0	16.0
3287.	649.0	-14.8	13.0	12.9	-15.4	74.	0.8864	0.9264	0.9032	205.0	16.0
3337.	644.5	-14.8	13.3	13.2	-15.4	74.	0.8834	0.9234	0.8979	204.0	16.0
3387.	640.0	-14.8	13.6	13.5	-15.4	74.	0.8804	0.9204	0.8926	203.0	16.0
3437.	635.5	-14.8	13.9	13.8	-15.4	74.	0.8774	0.9174	0.8873	202.0	16.0
3487.	631.0	-14.8	14.2	14.1	-15.4	74.	0.8744	0.9144	0.8820	201.0	16.0
3537.	626.5	-14.8	14.5	14.4	-15.4	74.	0.8714	0.9114	0.8767	200.0	16.0
3587.	622.0	-14.8	14.8	14.7	-15.4	74.	0.8684	0.9084	0.8714	199.0	16.0
3637.	617.5	-14.8	15.1	15.0	-15.4	74.	0.8654	0.9054	0.8661	198.0	16.0
3687.	613.0	-14.8	15.4	15.3	-15.4	74.	0.8624	0.9024	0.8608	197.0	16.0
3737.	608.5	-14.8	15.7	15.6	-15.4	74.	0.8594	0.8994	0.8555	196.0	16.0
3787.	604.0	-14.8	16.0	15.9	-15.4	74.	0.8564	0.8964	0.8502	195.0	16.0
3837.	599.5	-14.8	16.3	16.2	-15.4	74.	0.8534	0.8934	0.8449	194.0	16.0
3887.	595.0	-14.8	16.6	16.5	-15.4	74.	0.8504	0.8904	0.8396	193.0	16.0
3937.	590.5	-14.8	16.9	16.8	-15.4	74.	0.8474	0.8874	0.8343	192.0	16.0
3987.	586.0	-14.8	17.2	17.1	-15.4	74.	0.8444	0.8844	0.8290	191.0	16.0
4037.	581.5	-14.8	17.5	17.4	-15.4	74.	0.8414	0.8814	0.8237	190.0	16.0
4087.	577.0	-14.8	17.8	17.7	-15.4	74.	0.8384	0.8784	0.8184	189.0	16.0
4137.	572.5	-14.8	18.1	18.0	-15.4	74.	0.8354	0.8754	0.8131	188.0	16.0
4187.	568.0	-14.8	18.4	18.3	-15.4	74.	0.8324	0.8724	0.8078	187.0	16.0
4237.	563.5	-14.8	18.7	18.6	-15.4	74.	0.8294	0.8694	0.8025	186.0	16.0
4287.	559.0	-14.8	19.0	18.9	-15.4	74.	0.8264	0.8664	0.7972	185.0	16.0
4337.	554.5	-14.8	19.3	19.2	-15.4	74.	0.8234	0.8634	0.7919	184.0	16.0
4387.	550.0	-14.8	19.6	19.5	-15.4	74.	0.8204	0.8604			

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HEIGHT (M)	PRES (MM)	T (C)	THETA (C)	THETA V (C)	BLW POINT (C)	RFL HUM (C)	E (MM)	1E+3+RHOW (G/M+3)	R40 (KG/M+3)	D1R (DEG)	SPEED (M/S)
10559.	214.0	-65.9	48.6	48.8	-93.7	1.	0.0000	0.0001	0.3597	253.0	20.1
10607.	212.3	-65.9	48.5	48.5	-93.7	1.	0.0000	0.0001	0.3568	253.0	20.3
10656.	210.6	-65.9	50.2	50.2	-93.7	1.	0.0000	0.0001	0.3540	253.0	20.4
10702.	209.0	-65.8	51.1	51.1	-93.6	1.	0.0000	0.0001	0.3511	253.0	20.6
10745.	207.5	-65.6	52.1	52.1	-93.5	1.	0.0000	0.0001	0.3483	253.0	20.9
10789.	206.0	-65.3	53.2	53.2	-93.3	1.	0.0001	0.0001	0.3453	253.0	21.1
10831.	204.6	-64.9	54.5	54.5	-89.2	2.	0.0001	0.0001	0.3423	253.0	21.2
10870.	203.3	-64.7	55.4	55.4	-89.1	2.	0.0001	0.0001	0.3398	253.0	21.3
10912.	201.9	-64.7	56.1	56.1	-89.1	2.	0.0001	0.0001	0.3374	253.0	21.4
10954.	200.5	-64.6	56.9	56.9	-92.7	1.	0.0001	0.0001	0.3349	253.0	21.5
10997.	199.1	-64.5	57.7	57.7	-92.7	1.	0.0001	0.0001	0.3324	253.0	21.5
11037.	197.8	-64.3	58.6	58.6	-92.4	1.	0.0001	0.0001	0.3299	253.0	21.7
11077.	196.5	-64.2	59.3	59.3	-92.4	1.	0.0001	0.0001	0.3278	253.0	21.7
11118.	195.2	-64.2	60.0	60.0	-92.4	1.	0.0001	0.0001	0.3254	253.0	21.8
11159.	193.9	-64.1	60.8	60.8	-92.4	1.	0.0001	0.0001	0.3231	253.0	21.8
11203.	192.5	-64.1	61.5	61.5	-68.6	2.	0.0001	0.0001	0.3208	253.0	21.9
11244.	191.2	-64.1	62.2	62.2	-92.4	1.	0.0001	0.0001	0.3186	253.0	21.9
11286.	189.9	-64.0	63.0	63.0	-92.3	1.	0.0001	0.0001	0.3163	253.0	22.0
11328.	188.6	-63.9	63.8	63.8	-92.2	1.	0.0001	0.0001	0.3140	253.0	22.1
11370.	187.3	-63.7	64.6	64.6	-66.3	2.	0.0001	0.0002	0.3115	253.0	22.1
11413.	186.0	-63.4	66.0	66.0	-88.1	2.	0.0001	0.0002	0.3089	253.0	22.2
11456.	184.7	-63.3	66.8	66.8	-30.6	2.	0.0001	0.0002	0.3066	253.0	22.2
11503.	183.3	-63.3	67.5	67.5	-91.8	1.	0.0001	0.0001	0.3043	253.0	22.2
11543.	182.1	-63.2	68.7	68.7	-91.5	1.	0.0001	0.0001	0.3019	253.0	22.2
11590.	180.7	-62.9	69.8	69.8	-91.4	1.	0.0001	0.0001	0.2993	253.0	22.3
11636.	179.3	-62.7	70.7	70.7	-87.5	2.	0.0001	0.0002	0.2968	253.0	22.3
11687.	177.9	-62.6	71.6	71.6	-91.1	1.	0.0001	0.0001	0.2943	253.0	22.4
11732.	176.6	-62.6	72.3	72.3	-91.2	1.	0.0001	0.0001	0.2922	253.0	22.4
11774.	175.4	-62.7	72.8	72.8	-91.3	1.	0.0001	0.0001	0.2903	253.0	22.5
11819.	174.1	-62.8	73.4	73.4	-91.4	1.	0.0001	0.0001	0.2883	253.0	22.5
11862.	172.9	-62.8	74.1	74.1	-91.4	1.	0.0001	0.0001	0.2863	253.0	22.6
11905.	171.7	-62.8	74.8	74.8	-91.4	1.	0.0001	0.0001	0.2844	253.0	22.6
11944.	170.6	-62.7	75.6	75.6	-91.3	1.	0.0001	0.0001	0.2824	253.0	22.6
11984.	169.5	-62.6	76.4	76.4	-91.2	1.	0.0001	0.0001	0.2804	253.0	22.6
12024.	168.4	-62.5	77.2	77.2	-91.2	1.	0.0001	0.0001	0.2785	253.0	22.5
12068.	167.2	-62.5	78.3	78.3	-91.1	1.	0.0001	0.0001	0.2762	253.0	22.5
12113.	166.0	-62.1	79.3	79.3	-90.6	1.	0.0001	0.0001	0.2740	253.0	22.5
12151.	163.7	-61.9	80.0	80.0	-90.6	1.	0.0001	0.0001	0.2716	253.0	22.6
12206.	163.7	-61.7	81.2	81.2	-90.6	1.	0.0001	0.0001	0.2694	253.0	22.6
12252.	162.3	-61.5	82.4	82.4	-90.6	1.	0.0001	0.0001	0.2673	253.0	22.6
12298.	161.1	-61.5	83.4	83.4	-90.6	1.	0.0001	0.0001	0.2652	253.0	22.6
12348.	159.8	-61.4	84.4	84.4	-90.6	1.	0.0001	0.0001	0.2629	253.0	22.6
12399.	158.5	-61.2	85.5	85.5	-90.6	1.	0.0001	0.0001	0.2605	253.0	22.6
12450.	157.2	-61.2	86.7	86.7	-90.6	1.	0.0001	0.0001	0.2581	253.0	22.7
12497.	156.0	-60.9	87.7	87.7	-90.6	1.	0.0001	0.0001	0.2560	253.0	22.7
12545.	154.8	-60.7	88.7	88.7	-89.9	1.	0.0001	0.0001	0.2539	253.0	22.7
12593.	153.6	-60.8	89.5	89.5	-89.9	1.	0.0001	0.0001	0.2520	253.0	22.7
12642.	152.4	-60.8	90.4	90.4	-89.9	1.	0.0001	0.0001	0.2500	253.0	22.7
12687.	151.3	-60.6	91.0	91.0	-89.9	1.	0.0001	0.0001	0.2483	253.0	22.7
12732.	150.2	-60.7	92.0	92.0	-89.9	1.	0.0001	0.0001	0.2463	253.0	22.7
12776.	149.1	-60.5	93.1	93.1	-89.9	1.	0.0001	0.0001	0.2443	253.0	22.7
12820.	147.8	-60.2	94.1	94.1	-89.9	1.	0.0001	0.0001	0.2423	253.0	22.7
12866.	147.0	-60.1	95.0	95.0	-89.9	1.	0.0001	0.0001	0.2404	253.0	22.7
12913.	145.9	-60.1	96.0	96.0	-89.4	1.	0.0001	0.0001	0.2386	253.0	22.7
12956.	144.9	-60.0	96.9	96.9	-89.3	1.	0.0001	0.0001	0.2368	253.0	22.7
12999.	143.9	-59.9	97.8	97.8	-89.1	1.	0.0001	0.0001	0.2351	253.0	22.7
13043.	142.6	-59.7	98.8	98.8	-89.1	1.	0.0001	0.0001	0.2332	253.0	22.7
13086.	141.9	-59.4	100.0	100.0	-88.8	1.	0.0001	0.0001	0.2313	253.0	22.7
13131.	140.9	-59.2	101.1	101.1	-88.6	1.	0.0001	0.0001	0.2294	253.0	22.7
13175.	139.9	-58.9	102.6	102.6	-88.8	1.	0.0001	0.0001	0.2275	253.0	22.7
13220.	138.9	-58.7	103.7	103.7	-88.8	1.	0.0001	0.0001	0.2256	253.0	22.7
13261.	137.0	-58.5	104.8	104.8	-88.8	1.	0.0001	0.0001	0.2237	253.0	22.7
13307.	136.0	-58.4	105.9	105.9	-88.8	1.	0.0001	0.0001	0.2217	253.0	22.7
13348.	135.1	-58.4	106.9	106.9	-88.8	1.	0.0001	0.0001	0.2198	253.0	22.7
13396.	134.3	-58.3	108.0	108.0	-88.8	1.	0.0001	0.0001	0.2177	253.0	22.7
13442.	133.5	-58.3	109.0	109.0	-88.8	1.	0.0001	0.0001	0.2164	253.0	22.7
13489.	132.6	-58.1	110.0	110.0	-87.9	1.	0.0001	0.0001	0.2148	253.0	22.7
13539.	131.6	-57.9	111.0	111.0	-87.7	1.	0.0001	0.0001	0.2136	253.0	22.7
13587.	130.6	-57.7	112.0	112.0	-87.7	1.	0.0001	0.0001	0.2112	253.0	22.7
13631.	129.7	-57.7	113.0	113.0	-87.7	1.	0.0001	0.0001	0.2097	253.0	22.7
13670.	128.7	-57.7	114.0	114.0	-87.7	1.	0.0001	0.0001	0.2081	253.0	22.7
13743.	127.6	-57.6	115.0	115.0	-87.7	1.	0.0001	0.0001	0.2065	253.0	22.7
13786.	126.1	-57.7	116.0	116.0	-87.7	1.	0.0001	0.0001	0.2053	253.0	22.7
13826.	125.2	-57.7	117.1	117.1	-87.7	1.	0.0001	0.0001	0.2038	253.0	22.7
13873.	124.3	-57.7	118.1	118.1	-87.7	1.	0.0001	0.0001	0.2022	253.0	22.7
13918.	123.3	-57.6	119.1	119.1	-87.7	1.	0.0001	0.0001	0.2007	253.0	22.7
13956.	122.3	-57.6	120.1	120.1	-87.7	1.	0.0001	0.0001	0.1993	253.0	22.7
14000.	121.3	-57.6	121.1	121.1	-87.7	1.	0.0001	0.0001	0.1976	253.0	22.7
14047.	120.1	-56.7	122.1	122.1	-87.7	1.	0.0001	0.0001	0.1961	253.0	22.7
14089.	119.0	-56.7	123.1	123.1	-87.7	1.	0.0001	0.0001	0.1947	253.0	22.7
14131.	118.0	-56.7	124.1	124.1	-87.7	1.	0.0001	0.0001	0.1935	253.0	22.7
14166.	117.0	-56.6	125.1	125.1	-87.7	1.	0.0001	0.0001	0.1922	253.0	22.7
14215.	116.0	-56.6	126.1	126.1	-87.7	1.	0.0001	0.0001	0.1907	253.0	22.7
14258.	115.0	-56.6	127.1	127.1	-87.7	1.	0.0001	0.0001	0.1893	253.0	22.7
14307.	114.0	-56.6	128.1	128.1	-87.7	1.	0.0001	0.0001	0.1879	253.0	22.7
14345.	113.0	-56.6	129.1	129.1	-87.7	1.	0.0001	0.0001	0.1866	253.0	22.7
14394.	112.0	-56.6	130.1	130.1	-87.7	1.	0.0001	0.0001	0.1851	253.0	22.7
14439.	111.0	-56.6	131.1	131.1	-87.7	1.	0.0001	0.0001	0.1837	253.0	22.7
14483.	110.0	-56.6	132.1	132.1	-87.7	1.	0.0001	0.0001	0.1822	253.0	22.7
14534.	109.0	-56.6	133.1	133.1	-87.7	1.	0.0001	0.0001	0.1806	253.0	22.7
14581.	108.0	-56.6	134.1	134.1	-87.7	1.	0.0001	0.0001	0.1791	253.0	22.7
14630.	107.0	-56.6	135.1	135.1	-87.7	1.	0.0001	0.0001	0.1777	253.0	22.7
14676.	106.0	-56.6	136.1	136.1	-87.7	1.	0.0001	0.0001	0.1761	253.0	22.7
14723.	105.0	-56.6	137.1	137.1	-87.7	1.	0.0001	0.0001	0.1747	253.0	22.7
14770.	104.0	-56.6	138.1	138.1	-87.7	1.	0.0001	0.0001	0.1733	253.0	22.7
14817.	103.0	-56.6	139.1	139.1	-87.7	1.	0.0001	0.0001	0.1718	253.0	22.7
14864.	102.0	-56.6	140.1	140.1	-87.7	1.	0.0001	0.0001	0.1706	253.0	22.7
14912.	101.0	-56.6	141.1	141.1	-87.7	1.	0.0001	0.0001	0.1693	253.0	22.7
14961.	100.0	-56.6	142.1	142.1	-87.7	1.	0.0001	0.0001	0.1679	253.0	22.7
15009.	99.0	-56.6	143.1	143.1	-87.7	1.	0.0001	0.0001	0.1665	253.0	22.7
15058.	98.0	-56.6	144.1	144.1	-87.7	1.	0.0001	0.0001	0.1654	253.0	22.7
15107.	97.0	-56.6	145.1	145.1	-87.7	1.	0.0001	0.0001	0.1641	253	

HEIGHT (M)	PRES (MM)	T (C)	THETA (C)	THETA V (C)	DEM POINT (C)	REL HUM (%)	E (M)	IC+3-RHOW (G/M+3)	RHO (MG/M+3)	DIR (DEG)	SPEED (M/S)
15446.	97.8	-53.2	154.1	154.1	-84.3	1.	0.0003	0.0003	0.1549	283.0	42.5
15492.	97.1	-52.9	155.6	155.6	-84.1	1.	0.0003	0.0003	0.1536	283.0	42.8
15539.	96.4	-52.5	157.2	157.2	-83.8	1.	0.0003	0.0003	0.1522	283.0	43.1
15586.	95.7	-52.3	158.5	158.5	-83.6	1.	0.0003	0.0003	0.1510	283.0	43.4
15633.	95.0	-52.2	159.6	159.6	-83.5	1.	0.0003	0.0003	0.1498	283.0	43.8
15674.	94.4	-52.2	160.4	160.4	-83.5	1.	0.0003	0.0003	0.1488	284.0	44.1
15722.	93.7	-52.4	161.0	161.0	-83.7	1.	0.0003	0.0003	0.1479	284.0	44.5
15764.	93.1	-52.3	161.9	161.9	-83.4	1.	0.0003	0.0003	0.1469	283.0	44.8
15812.	92.4	-51.6	163.5	163.5	-83.1	1.	0.0003	0.0004	0.1456	282.0	45.1
15862.	91.7	-51.4	165.2	165.2	-83.0	1.	0.0003	0.0004	0.1442	282.0	45.4
15904.	91.1	-51.4	166.4	166.4	-82.9	1.	0.0003	0.0004	0.1431	281.0	45.6
15954.	90.4	-51.3	167.6	167.6	-82.8	1.	0.0003	0.0004	0.1420	281.0	45.8
16005.	89.7	-51.2	168.8	168.8	-82.7	1.	0.0003	0.0004	0.1408	282.0	46.2
16055.	89.0	-51.1	170.0	170.0	-82.6	1.	0.0003	0.0004	0.1396	282.0	46.6
16107.	88.3	-50.9	171.4	171.4	-82.2	1.	0.0003	0.0004	0.1384	282.0	47.0
16151.	87.7	-50.7	172.6	172.6	-82.2	1.	0.0003	0.0004	0.1373	282.0	47.5
16203.	87.0	-50.4	174.3	174.3	-81.9	1.	0.0003	0.0004	0.1361	282.0	47.9
16256.	86.3	-50.2	175.7	175.7	-81.9	1.	0.0003	0.0004	0.1348	282.0	48.4
16304.	85.6	-50.0	177.2	177.2	-81.6	1.	0.0003	0.0004	0.1336	282.0	48.9
16352.	85.0	-49.8	178.5	178.5	-81.6	1.	0.0003	0.0005	0.1326	283.0	49.4
16403.	84.3	-49.3	179.9	179.9	-81.4	1.	0.0003	0.0005	0.1314	283.0	49.8
16453.	83.6	-49.1	181.6	181.6	-81.3	1.	0.0003	0.0005	0.1301	284.0	50.2
16511.	83.0	-49.1	183.0	183.0	-81.5	1.	0.0003	0.0005	0.1281	284.0	50.6
16566.	82.3	-49.4	183.7	183.7	-81.5	1.	0.0003	0.0005	0.1272	284.0	51.2
16614.	81.7	-49.4	184.4	184.4	-81.5	1.	0.0003	0.0005	0.1263	284.0	51.5
16662.	81.1	-49.4	185.4	185.4	-81.5	1.	0.0003	0.0005	0.1253	284.0	51.6
16711.	80.5	-49.2	186.4	186.4	-81.3	1.	0.0003	0.0005	0.1244	284.0	51.7
16751.	80.0	-49.2	187.6	187.6	-81.2	1.	0.0003	0.0005	0.1236	284.0	51.8
16792.	79.5	-49.0	188.8	188.8	-81.0	1.	0.0003	0.0005	0.1225	284.0	51.9
16842.	78.9	-48.8	190.2	190.2	-81.0	1.	0.0003	0.0005	0.1216	284.0	52.0
16892.	78.3	-48.8	191.2	191.2	-81.0	1.	0.0003	0.0005	0.1208	284.0	52.1
16934.	77.8	-48.8	192.1	192.1	-81.0	1.	0.0003	0.0005	0.1199	284.0	52.1
16985.	77.2	-48.7	193.1	193.1	-81.0	1.	0.0003	0.0005	0.1189	284.0	52.1
17036.	76.6	-48.7	194.4	194.4	-80.9	1.	0.0003	0.0005	0.1171	284.0	52.1
17089.	76.1	-48.6	195.5	195.5	-80.8	1.	0.0003	0.0005	0.1161	284.0	52.1
17131.	75.5	-48.6	196.5	196.5	-80.8	1.	0.0003	0.0005	0.1152	283.0	52.2
17183.	74.9	-48.5	197.5	197.5	-80.7	1.	0.0003	0.0005	0.1142	283.0	52.2
17236.	74.3	-48.3	199.1	199.1	-80.7	1.	0.0003	0.0005	0.1131	283.0	52.2
17290.	73.7	-48.3	200.4	200.4	-80.8	1.	0.0003	0.0005	0.1124	283.0	52.2
17352.	73.0	-48.2	201.7	201.7	-80.9	1.	0.0003	0.0005	0.1115	283.0	52.2
17397.	72.5	-48.4	202.4	202.4	-81.1	1.	0.0003	0.0005	0.1107	283.0	52.2
17452.	71.9	-48.6	203.1	203.1	-81.1	1.	0.0003	0.0005	0.1099	283.0	52.2
17507.	71.3	-48.7	204.4	204.4	-81.1	1.	0.0003	0.0005	0.1090	283.0	52.2
17553.	70.7	-48.7	205.5	205.5	-81.1	1.	0.0003	0.0005	0.1082	283.0	52.2
17609.	70.2	-48.7	206.6	206.6	-81.1	1.	0.0003	0.0005	0.1074	283.0	52.2
17656.	69.6	-48.8	207.9	207.9	-81.1	1.	0.0003	0.0005	0.1065	283.0	52.2
17713.	69.1	-48.8	209.3	209.3	-81.1	1.	0.0003	0.0005	0.1057	283.0	52.2
17769.	68.5	-48.8	210.8	210.8	-81.1	1.	0.0003	0.0005	0.1046	283.0	52.2
17827.	67.9	-48.4	212.9	212.9	-80.5	1.	0.0003	0.0006	0.1036	283.0	52.2
17885.	67.1	-47.5	215.0	215.0	-79.5	1.	0.0003	0.0006	0.1027	283.0	52.2
17943.	66.6	-47.2	216.7	216.7	-79.7	1.	0.0003	0.0006	0.1017	283.0	52.2
18001.	66.0	-47.0	218.4	218.4	-79.8	1.	0.0003	0.0006	0.1009	283.0	52.2
18059.	65.5	-47.1	219.2	219.2	-79.7	1.	0.0003	0.0006	0.1001	283.0	52.2
18116.	65.0	-47.0	220.0	220.0	-79.7	1.	0.0003	0.0006	0.0994	283.0	52.2
18174.	64.5	-47.0	221.6	221.6	-79.7	1.	0.0003	0.0006	0.0986	283.0	52.2
18232.	64.0	-47.0	222.7	222.7	-79.7	1.	0.0003	0.0006	0.0978	283.0	52.2
18290.	63.5	-47.0	224.1	224.1	-79.7	1.	0.0003	0.0006	0.0970	283.0	52.2
18348.	63.0	-47.0	225.2	225.2	-79.7	1.	0.0003	0.0006	0.0963	283.0	52.2
18406.	62.5	-47.0	226.6	226.6	-79.9	1.	0.0003	0.0006	0.0956	283.0	52.2
18464.	62.0	-47.3	227.7	227.7	-79.9	1.	0.0003	0.0006	0.0949	283.0	52.2
18522.	61.5	-47.4	228.7	228.7	-79.9	1.	0.0003	0.0006	0.0941	283.0	52.2
18580.	61.0	-47.4	230.0	230.0	-79.9	1.	0.0003	0.0006	0.0933	283.0	52.2
18638.	60.5	-47.3	231.5	231.5	-79.9	1.	0.0003	0.0006	0.0925	283.0	52.2
18696.	60.0	-47.6	232.2	232.2	-79.9	1.	0.0003	0.0006	0.0919	283.0	52.2
18754.	59.5	-47.6	233.7	233.7	-79.9	1.	0.0003	0.0006	0.0911	283.0	52.2
18812.	59.0	-47.6	234.7	234.7	-79.9	1.	0.0003	0.0006	0.0905	283.0	52.2
18870.	58.5	-47.4	235.7	235.7	-79.9	1.	0.0003	0.0006	0.0898	283.0	52.2
18928.	58.0	-47.4	236.5	236.5	-79.9	1.	0.0003	0.0006	0.0892	283.0	52.2
18986.	57.5	-47.4	237.7	237.7	-79.9	1.	0.0003	0.0006	0.0884	283.0	52.2
19044.	57.0	-47.4	238.4	238.4	-79.9	1.	0.0003	0.0006	0.0878	283.0	52.2
19102.	56.5	-47.3	239.1	239.1	-79.9	1.	0.0003	0.0006	0.0871	283.0	52.2
19160.	56.0	-47.3	240.1	240.1	-79.9	1.	0.0003	0.0006	0.0865	283.0	52.2
19218.	55.5	-47.4	241.3	241.3	-79.9	1.	0.0003	0.0006	0.0857	283.0	52.2
19276.	55.0	-47.4	243.3	243.3	-79.9	1.	0.0003	0.0006	0.0849	283.0	52.2
19334.	54.5	-47.2	245.0	245.0	-79.7	1.	0.0003	0.0006	0.0842	283.0	52.2
19392.	54.0	-47.7	246.6	246.6	-79.7	1.	0.0003	0.0006	0.0835	283.0	52.2
19450.	53.5	-47.6	248.6	248.6	-79.7	1.	0.0003	0.0006	0.0828	283.0	52.2
19508.	53.0	-47.6	250.1	250.1	-79.7	1.	0.0003	0.0006	0.0819	283.0	52.2
19566.	52.5	-47.6	251.4	251.4	-79.7	1.	0.0003	0.0006	0.0813	283.0	52.2
19624.	52.0	-47.6	252.7	252.7	-79.7	1.	0.0003	0.0006	0.0806	283.0	52.2
19682.	51.5	-47.1	253.7	253.7	-79.7	1.	0.0003	0.0006	0.0797	283.0	52.2
19740.	51.0	-47.3	254.4	254.4	-79.7	1.	0.0003	0.0006	0.0791	283.0	52.2
19798.	50.5	-47.4	255.6	255.6	-79.7	1.	0.0003	0.0006	0.0785	283.0	52.2
19856.	50.0	-47.3	256.6	256.6	-79.7	1.	0.0003	0.0006	0.0777	283.0	52.2
19914.	49.5	-47.6	257.7	257.7	-79.7	1.	0.0003	0.0006	0.0768	283.0	52.2
19972.	49.0	-47.4	258.5	258.5	-79.7	1.	0.0003	0.0006	0.0762	283.0	52.2
20030.	48.5	-47.3	259.9	259.9	-79.7	1.	0.0003	0.0006	0.0756	283.0	52.2
20088.	48.0	-47.2	261.4	261.4	-79.7	1.	0.0003	0.0006	0.0750	283.0	52.2
20146.	47.5	-47.2	262.7	262.7	-79.7	1.	0.0003	0.0006	0.0745	283.0	52.2
20204.	47.0	-47.4	264.1	264.1	-79.7	1.	0.0003	0.0006	0.0740	283.0	52.2
20262.	46.5	-47.4	265.7	265.7	-79.7	1.	0.0003	0.0006	0.0735	283.0	52.2
20320.	46.0	-47.4	267.1	267.1	-79.7	1.	0.0003	0.0006	0.0729	283.0	52.2
20378.	45.5	-47.4	268.4	268.4	-79.7	1.	0.0003	0.0006	0.0723	283.0	52.2
20436.	45.0	-47.4	269.7	269.7	-79.7	1.	0.0003	0.0006	0.0717	283.0	52.2
20494.	44.5	-47.4	271.4	271.4	-79.7	1.	0.0003	0.0006	0.0711	283.0	52.2
20552.	44.0	-47.3	272.4	272.4	-79.7	1.	0.0003	0.0006	0.0705	283.0	52.2
20610.	43.5	-47.3	273.4	273.4	-79.7	1.	0.0003	0.0006	0.0699	283.0	52.2
20668.	43.0	-47.3	274.1	274.1	-79.7	1.	0.0003	0.0006	0.0694	283.0	52.2
20726.	42.5	-47.1	275.1	275.1	-79.7	1.	0.0003	0.0006	0.0688	283.0	52.2
20784.	42.0	-47.1	276.1	276.1	-79.7	1.	0.0003	0.0006	0.0684	283.0	52.2
20842.	41.5	-47.4	277.1	277.1	-79.7	1.	0.0003	0.0006	0.0678	283.0	52.2
20900.	41.0	-47.4	278.1	278.1	-79.7	1.	0.0003	0.0006	0.06		

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RH0V (G/M**3)	RH0 (KG/M**3)	DIR (DEG)	SPEED (M/S)
20996.	42.0	-48.2	2.2	2.2	-83.6	1.	0.0007	0.0007	0.0007	208.0	71.0
21043.	41.7	-48.2	2.2	2.2	-83.6	1.	0.0007	0.0007	0.0007	208.0	71.0
21091.	41.4	-48.2	2.2	2.2	-83.6	1.	0.0007	0.0007	0.0007	208.0	71.0
21153.	41.0	-48.2	2.2	2.2	-83.6	1.	0.0007	0.0007	0.0007	208.0	71.0
21252.	40.4	-47.7	2.2	2.2	-83.6	1.	0.0007	0.0007	0.0007	208.0	71.0
21317.	40.0	-47.7	2.2	2.2	-83.6	1.	0.0007	0.0007	0.0007	208.0	71.0
21377.	39.7	-47.4	2.2	2.2	-83.6	1.	0.0007	0.0007	0.0007	208.0	71.0
21417.	39.4	-47.1	2.2	2.2	-83.6	1.	0.0007	0.0007	0.0007	208.0	71.0
21484.	39.0	-46.8	2.2	2.2	-83.6	1.	0.0007	0.0007	0.0007	208.0	71.0
21535.	38.7	-46.4	2.2	2.2	-83.6	1.	0.0007	0.0007	0.0007	208.0	71.0
21587.	38.4	-46.1	2.2	2.2	-83.6	1.	0.0007	0.0007	0.0007	208.0	71.0
21639.	38.1	-45.8	2.2	2.2	-83.6	1.	0.0007	0.0007	0.0007	208.0	71.0
21692.	37.8	-45.5	2.2	2.2	-83.6	1.	0.0007	0.0007	0.0007	208.0	71.0
21745.	37.5	-45.2	2.2	2.2	-83.6	1.	0.0007	0.0007	0.0007	208.0	71.0
21798.	37.2	-44.9	2.2	2.2	-83.6	1.	0.0007	0.0007	0.0007	208.0	71.0
21852.	36.9	-44.6	2.2	2.2	-83.6	1.	0.0007	0.0007	0.0007	208.0	71.0
21905.	36.6	-44.3	2.2	2.2	-83.6	1.	0.0007	0.0007	0.0007	208.0	71.0
21959.	36.3	-44.0	2.2	2.2	-83.6	1.	0.0007	0.0007	0.0007	208.0	71.0
22012.	36.0	-43.7	2.2	2.2	-83.6	1.	0.0007	0.0007	0.0007	208.0	71.0
22066.	35.7	-43.4	2.2	2.2	-83.6	1.	0.0007	0.0007	0.0007	208.0	71.0
22120.	35.4	-43.1	2.2	2.2	-83.6	1.	0.0007	0.0007	0.0007	208.0	71.0
22174.	35.1	-42.8	2.2	2.2	-83.6	1.	0.0007	0.0007	0.0007	208.0	71.0
22228.	34.8	-42.5	2.2	2.2	-83.6	1.	0.0007	0.0007	0.0007	208.0	71.0
22282.	34.5	-42.2	2.2	2.2	-83.6	1.	0.0007	0.0007	0.0007	208.0	71.0
22336.	34.2	-41.9	2.2	2.2	-83.6	1.	0.0007	0.0007	0.0007	208.0	71.0
22390.	33.9	-41.6	2.2	2.2	-83.6	1.	0.0007	0.0007	0.0007	208.0	71.0
22444.	33.6	-41.3	2.2	2.2	-83.6	1.	0.0007	0.0007	0.0007	208.0	71.0
22498.	33.3	-41.0	2.2	2.2	-83.6	1.	0.0007	0.0007	0.0007	208.0	71.0
22552.	33.0	-40.7	2.2	2.2	-83.6	1.	0.0007	0.0007	0.0007	208.0	71.0
22606.	32.7	-40.4	2.2	2.2	-83.6	1.	0.0007	0.0007	0.0007	208.0	71.0
22660.	32.4	-40.1	2.2	2.2	-83.6	1.	0.0007	0.0007	0.0007	208.0	71.0
22714.	32.1	-39.8	2.2	2.2	-83.6	1.	0.0007	0.0007	0.0007	208.0	71.0
22768.	31.8	-39.5	2.2	2.2	-83.6	1.	0.0007	0.0007	0.0007	208.0	71.0
22822.	31.5	-39.2	2.2	2.2	-83.6	1.	0.0007	0.0007	0.0007	208.0	71.0
22876.	31.2	-38.9	2.2	2.2	-83.6	1.	0.0007	0.0007	0.0007	208.0	71.0

SOUNDING 16.0
 LATITUDE -55.5 LONGITUDE 4.5
 DATE 13-23-81 TIME 1138 GMT
 NUMBER OF LEVELS 349

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RH0V (G/M**3)	RH0 (KG/M**3)	DIR (DEG)	SPEED (M/S)
0.	1005.0	-7.5	-7.9	-7.6	-10.6	76.	2.4717	2.0400	1.3199	200.0	7.0
70.	996.0	-8.7	-8.4	-8.2	-11.2	80.	2.3424	1.9377	1.3140	200.0	7.0
135.	987.6	-9.5	-9.0	-8.7	-12.0	83.	2.2000	1.8135	1.3087	200.0	7.0
202.	979.1	-11.1	-10.5	-10.3	-12.6	87.	2.0587	1.7124	1.3033	200.0	7.0
265.	971.0	-11.4	-10.8	-10.6	-12.6	87.	2.0073	1.7233	1.2940	200.0	7.0
325.	963.3	-11.6	-11.0	-10.8	-12.6	84.	1.9247	1.7665	1.2851	200.0	7.0
385.	956.0	-10.0	-10.6	-10.4	-10.0	100.	1.8116	2.3873	1.2676	200.0	7.0
440.	949.1	-9.6	-10.2	-10.0	-9.6	98.	1.7160	2.2231	1.2567	200.0	7.0
496.	942.0	-9.4	-10.0	-9.8	-9.4	96.	1.6271	2.2177	1.2464	200.0	7.0
554.	935.2	-9.4	-10.1	-9.9	-9.4	95.	1.5461	2.1893	1.2365	200.0	7.0
613.	928.1	-8.9	-10.2	-10.0	-9.8	92.	1.4700	2.1775	1.2257	200.0	7.0
669.	921.4	-9.1	-10.9	-10.6	-10.3	90.	1.4032	2.0964	1.2177	200.0	7.0
726.	914.7	-9.3	-10.5	-10.2	-10.6	85.	1.3479	2.0392	1.2097	200.0	7.0
784.	907.8	-9.5	-10.1	-10.0	-10.9	88.	1.2933	1.9835	1.2015	200.0	7.0
840.	901.2	-9.6	-10.7	-10.4	-11.3	88.	1.2390	1.9667	1.1932	200.0	7.0
895.	894.8	-9.6	-11.1	-10.8	-11.3	86.	1.1849	1.9238	1.1847	200.0	7.0
954.	888.0	-9.8	-10.5	-10.2	-11.6	84.	1.1308	1.8802	1.1756	200.0	7.0
1012.	881.4	-9.8	-10.1	-10.0	-11.6	84.	1.0768	1.8492	1.1678	200.0	7.0
1070.	874.7	-10.0	-10.3	-10.0	-11.7	76.	1.0228	1.8191	1.1595	200.0	7.0
1135.	868.3	-10.1	-10.4	-10.1	-11.7	70.	0.9681	1.7891	1.1513	200.0	7.0
1197.	861.8	-10.1	-10.4	-10.1	-12.0	40.	0.9134	1.7591	1.1420	200.0	7.0
1260.	854.8	-10.1	-10.4	-10.1	-12.0	33.	0.8587	1.7291	1.1329	200.0	7.0
1325.	848.4	-10.2	-10.4	-10.1	-12.0	28.	0.8040	1.6991	1.1247	200.0	7.0
1395.	841.8	-10.4	-10.6	-10.3	-12.0	24.	0.7493	1.6691	1.1167	200.0	7.0
1466.	835.2	-10.6	-10.6	-10.3	-12.0	22.	0.6946	1.6391	1.1087	200.0	7.0
1545.	828.6	-10.9	-10.9	-10.6	-12.0	20.	0.6399	1.6091	1.1014	200.0	7.0
1624.	822.3	-11.2	-11.2	-10.9	-12.0	17.	0.5852	1.5791	1.0940	200.0	7.0
1704.	816.0	-11.4	-11.4	-11.1	-12.0	14.	0.5305	1.5491	1.0866	200.0	7.0
1785.	809.5	-11.6	-11.6	-11.3	-12.0	11.	0.4758	1.5191	1.0785	200.0	7.0
1865.	803.2	-12.0	-12.0	-11.7	-12.0	9.	0.4211	1.4891	1.0716	200.0	7.0
1945.	797.0	-12.3	-12.3	-12.0	-12.0	9.	0.3664	1.4591	1.0646	200.0	7.0
2024.	790.8	-12.6	-12.6	-12.3	-12.0	9.	0.3117	1.4291	1.0575	200.0	7.0
2105.	784.4	-12.8	-12.8	-12.5	-12.0	10.	0.2570	1.3991	1.0505	200.0	7.0
2185.	778.3	-13.0	-13.0	-12.7	-12.0	12.	0.2023	1.3691	1.0435	200.0	7.0
2266.	772.3	-13.4	-13.4	-13.1	-12.0	12.	0.1476	1.3391	1.0365	200.0	7.0
2346.	766.1	-13.7	-13.7	-13.4	-12.0	12.	0.0929	1.3091	1.0295	200.0	7.0
2427.	760.0	-13.9	-13.9	-13.6	-12.0	17.	0.0382	1.2791	1.0225	200.0	7.0
2507.	754.1	-13.9	-13.9	-13.6	-12.0	24.	0.0000	1.2491	1.0155	200.0	7.0
2588.	748.0	-14.1	-14.1	-13.8	-12.0	31.	0.0000	1.2191	1.0085	200.0	7.0
2669.	741.8	-14.4	-14.4	-14.1	-12.0	40.	0.0000	1.1891	1.0015	200.0	7.0
2750.	735.7	-14.8	-14.8	-14.5	-12.0	48.	0.0000	1.1591	0.9945	200.0	7.0
2831.	729.6	-15.2	-15.2	-14.9	-12.0	49.	0.0000	1.1291	0.9875	200.0	7.0
2912.	723.6	-15.6	-15.6	-15.3	-12.0	49.	0.0000	1.0991	0.9805	200.0	7.0
2993.	717.6	-15.9	-15.9	-15.6	-12.0	48.	0.0000	1.0691	0.9735	200.0	7.0
3074.	711.8	-16.1	-16.1	-15.8	-12.0	48.	0.0000	1.0391	0.9665	200.0	7.0
3155.	705.8	-16.3	-16.3	-16.0	-12.0	48.	0.0000	1.0091	0.9595	200.0	7.0
3236.	700.0	-16.5	-16.5	-16.2	-12.0	50.	0.0000	0.9791	0.9525	200.0	7.0
3317.	694.4	-16.8	-16.8	-16.5	-12.0	51.	0.0000	0.9491	0.9455	200.0	7.0
3398.	688.9	-17.1	-17.1	-16.8	-12.0	51.	0.0000	0.9191	0.9385	200.0	7.0
3479.	683.4	-17.4	-17.4	-17.1	-12.0	49.	0.0000	0.8891	0.9315	200.0	7.0
3560.	678.1	-17.8	-17.8	-17.5	-12.0	47.	0.0000	0.8591	0.9245	200.0	7.0
3641.	672.8	-18.2	-18.2	-17.9	-12.0	45.	0.0000	0.8291	0.9175	200.0	7.0
3722.	667.7	-18.6	-18.6	-18.3	-12.0	44.	0.0000	0.7991	0.9105	200.0	7.0
3803.	662.4	-19.1	-19.1	-18.8	-12.0	44.	0.0000	0.7691	0.9035	200.0	7.0
3884.	656.9	-19.6	-19.6	-19.3	-12.0	44.	0.0000	0.7391	0.8965	200.0	7.0
3965.	651.6	-20.0	-20.0	-19.7	-12.0	44.	0.0000	0.7091	0.8895	200.0	7.0
4046.	646.4	-20.4	-20.4	-20.1	-12.0	44.	0.0000	0.6791	0.8825	200.0	7.0
4127.	641.3	-20.8	-20.8	-20.5	-12.0	41.	0.0000	0.6491	0.8755	200.0	7.0
4208.	636.4	-21.2	-21.2	-20.9	-12.0	39.	0.0000	0.6191	0.8685	200.0	7.0
4289.	631.2	-21.7	-21.7	-21.4	-12.0	37.	0.0000	0.5891	0.8615	200.0	7.0
4370.	625.9	-22.1	-22.1	-21.8	-12.0	37.	0.0000	0.5591	0.8545	200.0	7.0

HEIGHT (M)	PRES (MM)	T (C)	THETA (C)	THETA (C)	REL POINT (C)	REL HUM (%)	E (MM)	1E+3-RHOW (G/M+3)	RHO (KG/M+3)	DIR (DEG)	SPEED (M/S)
3658.	620.7	-22.4	14.2	14.2	-32.7	35.	0.2873	0.2589	0.8626	274.0	14.1
3715.	619.6	-22.4	14.4	14.4	-33.5	35.	0.2526	0.2287	0.8568	274.0	14.1
3778.	619.6	-23.1	14.7	14.7	-35.1	35.	0.2222	0.2023	0.8509	274.0	14.2
3838.	619.6	-23.1	15.2	15.2	-36.1	35.	0.1945	0.1818	0.8459	274.0	14.3
3898.	619.6	-24.4	15.2	15.2	-36.0	35.	0.1841	0.1688	0.8396	274.0	14.5
3958.	599.7	-24.4	15.6	15.6	-36.7	35.	0.1617	0.1490	0.8343	274.0	14.6
4022.	599.7	-24.4	15.6	15.6	-36.7	35.	0.1489	0.1377	0.8287	274.0	14.6
4080.	585.8	-24.4	15.6	15.6	-36.6	35.	0.1355	0.1257	0.8235	274.0	14.9
4138.	585.8	-25.7	15.6	15.6	-36.7	35.	0.1242	0.1157	0.8182	274.0	15.0
4200.	575.2	-26.6	15.6	15.6	-36.8	35.	0.1152	0.1102	0.8129	274.0	15.0
4263.	571.2	-26.6	16.2	16.2	-36.7	35.	0.1145	0.1108	0.8072	273.0	15.3
4323.	566.4	-27.4	16.4	16.4	-36.7	35.	0.1144	0.1113	0.8017	273.0	15.4
4382.	561.7	-27.4	16.6	16.6	-36.7	35.	0.1146	0.1079	0.7965	272.0	15.3
4442.	557.1	-27.4	16.6	16.6	-36.7	35.	0.1100	0.1029	0.7911	271.0	15.4
4502.	552.5	-28.4	16.4	16.4	-36.7	35.	0.1038	0.0938	0.7862	270.0	15.3
4564.	547.7	-28.4	17.1	17.1	-36.7	35.	0.1036	0.0893	0.7809	270.0	15.4
4626.	543.0	-29.4	17.2	17.2	-36.7	35.	0.0972	0.0850	0.7758	270.0	15.2
4686.	538.4	-30.6	17.5	17.5	-36.5	35.	0.0856	0.0810	0.7708	267.0	15.1
4746.	533.4	-31.1	17.6	17.6	-36.4	35.	0.0859	0.0819	0.7656	267.0	15.6
4806.	529.4	-31.1	18.1	18.1	-36.4	35.	0.0824	0.0779	0.7601	267.0	15.9
4866.	524.7	-31.1	18.2	18.2	-36.3	35.	0.0772	0.0741	0.7549	265.0	15.7
4929.	519.7	-32.6	18.2	18.2	-36.3	35.	0.0711	0.0676	0.7450	264.0	14.9
5000.	515.2	-32.6	18.4	18.4	-36.6	35.	0.0674	0.0642	0.7401	262.0	15.1
5055.	510.7	-33.5	18.5	18.5	-36.4	35.	0.0661	0.0584	0.7351	261.0	15.5
5116.	506.3	-33.5	18.6	18.6	-36.9	35.	0.0658	0.0555	0.7302	257.0	15.5
5176.	497.6	-34.4	18.4	18.4	-37.3	35.	0.0544	0.0527	0.7249	254.0	16.4
5242.	493.2	-34.4	18.2	18.2	-37.7	35.	0.0521	0.0500	0.7200	250.0	16.9
5303.	488.9	-35.2	19.2	19.2	-38.6	35.	0.0471	0.0454	0.7152	249.0	16.9
5362.	484.7	-35.2	19.1	19.1	-38.6	35.	0.0444	0.0431	0.7105	249.0	16.9
5422.	480.4	-36.6	19.6	19.6	-38.6	35.	0.0431	0.0409	0.7057	249.0	16.9
5484.	476.1	-36.6	19.4	19.4	-38.6	35.	0.0394	0.0376	0.7009	237.0	21.2
5544.	471.7	-36.6	19.7	19.7	-38.6	35.	0.0364	0.0355	0.6956	231.0	22.5
5604.	467.3	-37.7	19.8	19.8	-38.6	35.	0.0327	0.0320	0.6905	232.0	23.8
5674.	463.0	-37.7	20.2	20.2	-38.6	35.	0.0317	0.0310	0.6851	230.0	23.8
5742.	458.6	-38.6	20.4	20.4	-38.6	35.	0.0284	0.0279	0.6803	224.0	18.6
5804.	454.6	-38.6	20.5	20.5	-38.6	35.	0.0253	0.0250	0.6758	226.0	18.6
5865.	450.6	-39.4	20.6	20.6	-38.6	35.	0.0240	0.0237	0.6710	228.0	18.4
5926.	446.4	-39.4	20.8	20.8	-38.6	35.	0.0226	0.0224	0.6662	226.0	18.4
5992.	442.4	-40.2	20.8	20.8	-38.6	35.	0.0214	0.0212	0.6616	224.0	18.6
6053.	438.6	-40.2	21.1	21.1	-38.6	35.	0.0214	0.0199	0.6576	223.0	18.6
6112.	434.7	-41.1	21.1	21.1	-38.6	35.	0.0176	0.0176	0.6532	223.0	18.6
6173.	430.4	-41.1	21.1	21.1	-38.6	35.	0.0176	0.0176	0.6493	223.0	18.6
6231.	426.4	-42.6	21.1	21.1	-38.6	35.	0.0166	0.0167	0.6453	223.0	18.6
6287.	422.4	-43.5	21.2	21.2	-38.6	35.	0.0155	0.0156	0.6413	223.0	18.6
6344.	418.6	-43.5	21.2	21.2	-38.6	35.	0.0145	0.0145	0.6375	223.0	18.6
6401.	414.6	-44.7	21.3	21.3	-38.6	35.	0.0127	0.0129	0.6332	223.0	18.6
6457.	410.8	-44.7	21.3	21.3	-38.6	35.	0.0127	0.0121	0.6280	223.0	18.6
6513.	406.0	-45.2	21.5	21.5	-38.6	35.	0.0127	0.0121	0.6235	223.0	18.6
6569.	402.1	-45.7	21.5	21.5	-38.6	35.	0.0127	0.0121	0.6189	223.0	18.6
6624.	398.4	-46.1	21.7	21.7	-38.6	35.	0.0110	0.0110	0.6143	223.0	18.6
6679.	394.7	-46.7	21.7	21.7	-38.6	35.	0.0100	0.0102	0.6103	223.0	18.6
6735.	390.9	-47.2	21.7	21.7	-38.6	35.	0.0094	0.0096	0.6058	223.0	18.6
6790.	387.0	-48.3	21.7	21.7	-38.6	35.	0.0094	0.0095	0.6013	223.0	18.6
6845.	383.0	-48.3	21.7	21.7	-38.6	35.	0.0094	0.0090	0.5973	223.0	18.6
6899.	379.3	-49.4	21.7	21.7	-38.6	35.	0.0094	0.0084	0.5930	223.0	18.6
6954.	375.3	-49.4	21.7	21.7	-38.6	35.	0.0076	0.0079	0.5890	222.0	18.6
7008.	371.6	-50.6	21.7	21.7	-38.6	35.	0.0071	0.0073	0.5848	221.0	24.6
7062.	367.9	-50.6	21.7	21.7	-38.6	35.	0.0066	0.0068	0.5806	221.0	24.8
7116.	364.3	-51.1	21.7	21.7	-38.6	35.	0.0062	0.0064	0.5762	221.0	25.1
7170.	360.8	-51.4	21.7	21.7	-38.6	35.	0.0060	0.0062	0.5715	221.0	25.3
7224.	357.3	-51.4	21.7	21.7	-38.6	35.	0.0057	0.0059	0.5670	221.0	25.5
7278.	353.8	-52.1	21.7	21.7	-38.6	35.	0.0055	0.0057	0.5625	221.0	25.8
7332.	350.3	-52.1	21.7	21.7	-38.6	35.	0.0053	0.0055	0.5576	221.0	25.9
7386.	346.8	-52.1	21.7	21.7	-38.6	35.	0.0051	0.0051	0.5526	221.0	26.1
7440.	343.3	-52.1	21.7	21.7	-38.6	35.	0.0049	0.0049	0.5480	221.0	26.3
7494.	339.8	-53.5	21.7	21.7	-38.6	35.	0.0046	0.0045	0.5433	221.0	26.4
7548.	336.3	-53.5	21.7	21.7	-38.6	35.	0.0046	0.0042	0.5387	221.0	26.6
7602.	332.8	-54.7	21.7	21.7	-38.6	35.	0.0043	0.0043	0.5351	221.0	26.7
7656.	329.3	-54.7	21.7	21.7	-38.6	35.	0.0043	0.0035	0.5311	221.0	26.7
7710.	325.8	-55.5	21.7	21.7	-38.6	35.	0.0031	0.0031	0.5269	221.0	26.8
7764.	322.3	-55.5	21.7	21.7	-38.6	35.	0.0029	0.0029	0.5226	221.0	26.8
7818.	318.8	-56.6	21.7	21.7	-38.6	35.	0.0026	0.0028	0.5182	221.0	26.9
7872.	315.3	-56.6	21.7	21.7	-38.6	35.	0.0023	0.0025	0.5138	221.0	26.9
7926.	311.8	-57.1	21.7	21.7	-38.6	35.	0.0022	0.0024	0.5093	221.0	26.9
7980.	308.3	-57.1	21.7	21.7	-38.6	35.	0.0021	0.0022	0.5053	221.0	26.8
8034.	304.8	-57.1	21.7	21.7	-38.6	35.	0.0016	0.0020	0.5011	221.0	26.9
8088.	301.3	-57.1	21.7	21.7	-38.6	35.	0.0016	0.0017	0.4966	221.0	26.6
8142.	297.8	-58.1	21.7	21.7	-38.6	35.	0.0015	0.0017	0.4923	221.0	26.8
8196.	294.3	-58.1	21.7	21.7	-38.6	35.	0.0015	0.0016	0.4879	221.0	26.8
8250.	290.8	-59.4	21.7	21.7	-38.6	35.	0.0013	0.0014	0.4840	221.0	26.7
8304.	287.3	-59.4	21.7	21.7	-38.6	35.	0.0012	0.0013	0.4798	221.0	26.7
8358.	283.8	-59.4	21.7	21.7	-38.6	35.	0.0013	0.0014	0.4753	221.0	26.7
8412.	280.3	-60.7	21.7	21.7	-38.6	35.	0.0011	0.0012	0.4711	221.0	26.7
8466.	276.8	-60.7	21.7	21.7	-38.6	35.	0.0010	0.0011	0.4669	221.0	26.9
8520.	273.3	-61.5	21.7	21.7	-38.6	35.	0.0009	0.0010	0.4628	221.0	27.2
8574.	269.8	-61.5	21.7	21.7	-38.6	35.	0.0009	0.0009	0.4592	221.0	27.3
8628.	266.3	-61.2	21.7	21.7	-38.6	35.	0.0008	0.0009	0.4553	221.0	27.6
8682.	262.8	-61.2	21.7	21.7	-38.6	35.	0.0008	0.0009	0.4510	221.0	27.6
8736.	259.3	-61.2	21.7	21.7	-38.6	35.	0.0008	0.0009	0.4470	221.0	28.1
8790.	255.8	-61.2	21.7	21.7	-38.6	35.	0.0007	0.0008	0.4431	221.0	28.4
8844.	252.3	-61.2	21.7	21.7	-38.6	35.	0.0007	0.0008	0.4392	221.0	28.7
8898.	248.8	-61.2	21.7	21.7	-38.6	35.	0.0007	0.0008	0.4351	221.0	29.0
8952.	245.3	-61.2	21.7	21.7	-38.6	35.	0.0007	0.0008	0.4314	221.0	29.4
9006.	241.8	-62.6	21.7	21.7	-38.6	35.	0.0007	0.0007	0.4278	221.0	29.7
9060.	238.3	-62.6	21.7	21.7	-38.6	35.	0.0006	0.0006	0.4246	221.0	30.0
9114.	234.8	-62.6	21.7	21.7	-38.6	35.	0.0006	0.0006	0.4212	221.0	30.3
9168.	231.3	-63.4	21.7	21.7	-38.6	35.	0.0005	0.0006	0.4177	221.0	30.6
9222.	227.8	-63.4	21.7	21.7	-38.6	35.	0.0004	0.0005	0.4139	221.0	30.8
9276.	224.3	-63.4	21.7	21.7	-38.6	35.	0.0004	0.0005	0.4101	221.0	31.1
9330.	220.8	-63.4	21.7	21.7	-38.6	35.	0.0004	0.0005	0.4067	221.0	31.4
9384.	217.3	-63.4	21.7	21.7	-38.6	35.	0.0004	0.0005	0.4036	221.0	31.5
9438.	213.8	-64.7	21.7	21.7	-38.6	35.	0.0004	0.0004	0.4007	221.0	31.7
9492.	210.3	-64.7	21.7	21.7	-38.6	35.	0.0004				

HEIGHT (F)	PRES (MM)	T (C)	THETA (C)	THETA V (C)	PLAN POINT (C)	RFL HUM (C)	E (MM)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	PIR (DEG)	SPEED (KTS)
13335.	225.8	-65.3	44.8	44.8	-84.4	5.	0.0003	0.0003	0.3784	263.0	32.5
13397.	223.5	-65.3	45.7	45.7	-84.4	5.	0.0003	0.0003	0.3746	263.0	32.5
10458.	221.3	-65.5	46.3	46.3	-84.6	5.	0.0003	0.0003	0.3713	263.0	32.8
10575.	219.2	-65.6	47.0	47.0	-84.6	5.	0.0003	0.0003	0.3679	263.0	33.0
10627.	217.2	-65.6	47.9	47.9	-84.6	5.	0.0003	0.0003	0.3646	263.0	33.1
10684.	215.2	-65.5	48.9	48.9	-84.6	5.	0.0003	0.0003	0.3610	263.0	33.0
10738.	213.2	-65.5	49.7	49.7	-84.6	5.	0.0003	0.0003	0.3577	263.0	33.2
10793.	211.3	-65.5	50.6	50.6	-84.6	5.	0.0003	0.0003	0.3545	263.0	33.2
10848.	209.4	-65.4	51.6	51.6	-85.8	4.	0.0002	0.0002	0.3511	263.0	33.3
10904.	207.5	-65.4	52.4	52.4	-85.8	4.	0.0002	0.0002	0.3479	263.0	33.3
10958.	205.6	-65.3	53.4	53.4	-84.4	5.	0.0003	0.0003	0.3446	263.0	33.4
11012.	203.8	-65.4	54.1	54.1	-84.5	5.	0.0003	0.0003	0.3417	263.0	33.4
11066.	202.0	-65.4	54.9	54.9	-84.5	5.	0.0003	0.0003	0.3387	263.0	33.5
11118.	200.2	-65.3	55.9	55.9	-84.4	5.	0.0003	0.0003	0.3355	263.0	33.5
11170.	198.4	-65.3	56.7	56.7	-84.4	5.	0.0003	0.0003	0.3327	263.0	33.5
11226.	196.5	-65.3	57.5	57.5	-84.4	5.	0.0003	0.0003	0.3298	263.0	33.6
11279.	194.7	-65.3	58.4	58.4	-85.6	4.	0.0002	0.0002	0.3268	263.0	33.7
11333.	192.9	-65.1	60.4	60.4	-84.2	5.	0.0003	0.0003	0.3238	263.0	33.7
11388.	191.0	-65.0	61.3	61.3	-84.1	5.	0.0003	0.0003	0.3208	263.0	33.9
11435.	189.4	-64.8	62.5	62.5	-84.0	5.	0.0003	0.0003	0.3180	263.0	34.0
11487.	187.8	-64.6	63.6	63.6	-83.8	5.	0.0003	0.0003	0.3150	263.0	34.0
11540.	185.2	-64.5	64.6	64.6	-83.7	5.	0.0003	0.0003	0.3120	263.0	34.1
11589.	183.7	-64.6	65.2	65.2	-83.8	5.	0.0003	0.0003	0.3092	263.0	34.1
11643.	182.1	-64.6	66.1	66.1	-83.8	5.	0.0003	0.0003	0.3069	263.0	34.2
11696.	180.5	-64.5	67.1	67.1	-83.7	5.	0.0003	0.0003	0.3042	263.0	34.3
11747.	177.9	-64.5	67.9	67.9	-83.7	5.	0.0003	0.0003	0.3014	263.0	34.5
11799.	177.5	-64.1	69.4	69.4	-83.4	5.	0.0003	0.0003	0.2989	263.0	34.6
11851.	176.4	-63.9	70.5	70.5	-83.2	5.	0.0003	0.0003	0.2958	263.0	34.9
11902.	174.4	-63.9	71.4	71.4	-83.2	5.	0.0003	0.0003	0.2930	263.0	35.0
11956.	172.5	-64.1	71.9	71.9	-83.2	5.	0.0003	0.0003	0.2905	263.0	35.1
12011.	171.4	-64.2	72.6	72.6	-84.8	4.	0.0003	0.0003	0.2883	263.0	35.2
12066.	169.9	-64.3	73.4	73.4	-84.9	4.	0.0003	0.0003	0.2858	263.0	35.4
12120.	168.4	-64.4	74.1	74.1	-84.9	4.	0.0003	0.0003	0.2834	263.0	35.6
12175.	166.8	-64.3	75.2	75.2	-84.9	4.	0.0003	0.0003	0.2810	263.0	35.7
12237.	165.2	-64.2	76.3	76.3	-84.8	4.	0.0003	0.0003	0.2782	263.0	35.9
12293.	163.7	-64.2	77.2	77.2	-84.8	4.	0.0003	0.0003	0.2754	263.0	36.1
12349.	162.2	-64.3	78.0	78.0	-84.9	4.	0.0003	0.0003	0.2729	263.0	36.3
12406.	160.7	-64.3	78.9	78.9	-83.6	5.	0.0003	0.0003	0.2705	263.0	36.5
12463.	159.2	-64.3	79.9	79.9	-83.6	5.	0.0003	0.0003	0.2680	263.0	36.7
12517.	157.6	-64.3	80.7	80.7	-83.6	5.	0.0003	0.0003	0.2655	263.0	36.8
12576.	156.3	-64.4	81.5	81.5	-84.8	4.	0.0003	0.0003	0.2632	263.0	37.1
12631.	154.9	-64.4	83.3	83.3	-84.8	4.	0.0003	0.0003	0.2606	263.0	37.3
12686.	153.5	-64.4	84.1	84.1	-84.6	5.	0.0003	0.0003	0.2581	263.0	37.4
12743.	152.2	-64.3	85.1	85.1	-83.2	5.	0.0003	0.0003	0.2557	263.0	37.7
12799.	150.8	-64.3	85.9	85.9	-83.3	5.	0.0003	0.0003	0.2534	263.0	37.8
12855.	149.7	-64.2	86.3	86.3	-84.8	4.	0.0003	0.0003	0.2512	263.0	37.9
12911.	148.5	-64.3	86.9	86.9	-84.9	4.	0.0003	0.0003	0.2496	263.0	38.0
12968.	147.3	-64.4	87.6	87.6	-84.9	4.	0.0003	0.0003	0.2477	263.0	38.1
13024.	146.2	-64.1	88.9	88.9	-84.7	4.	0.0003	0.0003	0.2458	263.0	38.3
13080.	145.0	-63.3	90.1	90.1	-84.5	4.	0.0003	0.0003	0.2436	263.0	38.5
13136.	143.8	-63.3	91.2	91.2	-84.4	4.	0.0003	0.0003	0.2414	263.0	38.6
13192.	142.7	-63.3	92.5	92.5	-82.9	5.	0.0003	0.0003	0.2392	263.0	38.7
13248.	141.5	-63.3	93.7	93.7	-82.9	5.	0.0003	0.0003	0.2371	263.0	38.9
13304.	140.3	-63.3	94.7	94.7	-82.7	5.	0.0003	0.0003	0.2349	263.0	39.0
13360.	139.2	-63.3	95.8	95.8	-82.7	5.	0.0003	0.0003	0.2330	263.0	39.2
13416.	138.1	-62.2	96.6	96.6	-83.7	5.	0.0003	0.0003	0.2310	263.0	39.3
13472.	137.1	-62.7	98.1	98.1	-83.6	4.	0.0003	0.0003	0.2286	263.0	39.5
13528.	136.0	-62.5	99.3	99.3	-82.1	5.	0.0003	0.0003	0.2269	263.0	39.7
13584.	134.8	-62.2	100.8	100.8	-81.8	5.	0.0003	0.0003	0.2249	263.0	39.9
13640.	133.6	-61.1	102.2	102.2	-81.6	5.	0.0005	0.0005	0.2226	263.0	40.0
13696.	132.4	-61.1	103.4	103.4	-81.5	5.	0.0005	0.0005	0.2203	263.0	40.1
13752.	131.3	-61.1	104.3	104.3	-81.5	5.	0.0005	0.0005	0.2182	263.0	40.3
13808.	130.2	-61.1	105.2	105.2	-81.5	5.	0.0005	0.0005	0.2164	263.0	40.5
13864.	129.1	-61.1	106.1	106.1	-81.5	5.	0.0005	0.0005	0.2146	263.0	40.9
13920.	127.9	-61.1	106.6	106.6	-81.6	5.	0.0005	0.0005	0.2128	263.0	41.1
13976.	126.7	-61.1	107.7	107.7	-83.0	5.	0.0004	0.0004	0.2109	263.0	41.3
14032.	125.5	-61.1	108.8	108.8	-83.0	5.	0.0004	0.0004	0.2090	263.0	41.5
14088.	124.3	-61.1	109.9	109.9	-83.0	5.	0.0004	0.0004	0.2071	263.0	41.7
14144.	123.2	-61.1	111.0	111.0	-81.3	5.	0.0005	0.0005	0.2051	263.0	41.9
14200.	122.1	-61.1	112.0	112.0	-81.3	5.	0.0005	0.0005	0.2031	263.0	42.0
14256.	121.0	-61.1	113.7	113.7	-81.1	5.	0.0005	0.0005	0.2012	263.0	42.1
14312.	120.0	-61.1	115.5	115.5	-81.1	5.	0.0005	0.0005	0.1993	263.0	42.2
14368.	118.9	-61.1	116.1	116.1	-81.1	5.	0.0005	0.0005	0.1973	263.0	42.3
14424.	117.8	-61.1	117.3	117.3	-82.3	5.	0.0004	0.0004	0.1955	263.0	42.4
14480.	116.7	-61.1	118.0	118.0	-82.3	5.	0.0004	0.0004	0.1936	263.0	42.5
14536.	115.7	-61.1	119.0	119.0	-81.0	5.	0.0004	0.0004	0.1917	263.0	42.6
14592.	114.6	-61.1	120.0	120.0	-82.1	5.	0.0004	0.0004	0.1898	263.0	42.7
14648.	113.5	-61.1	121.1	121.1	-82.1	5.	0.0004	0.0004	0.1878	263.0	42.8
14704.	112.4	-61.1	122.7	122.7	-82.1	5.	0.0004	0.0004	0.1858	263.0	42.9
14760.	111.3	-61.1	123.5	123.5	-79.6	5.	0.0006	0.0006	0.1828	263.0	43.0
14816.	110.2	-61.1	124.6	124.6	-79.6	5.	0.0006	0.0006	0.1811	263.0	43.1
14872.	109.1	-61.1	125.7	125.7	-79.6	5.	0.0006	0.0006	0.1792	263.0	43.2
14928.	108.0	-61.1	126.8	126.8	-79.6	5.	0.0006	0.0006	0.1778	263.0	43.3
14984.	106.9	-61.1	127.9	127.9	-79.6	5.	0.0006	0.0006	0.1762	263.0	43.4
15040.	105.8	-61.1	129.0	129.0	-79.6	5.	0.0006	0.0006	0.1746	263.0	43.5
15096.	104.7	-61.1	130.1	130.1	-79.6	5.	0.0006	0.0006	0.1734	263.0	43.6
15152.	103.6	-61.1	131.2	131.2	-79.6	5.	0.0006	0.0006	0.1722	263.0	43.7
15208.	102.5	-61.1	132.3	132.3	-79.6	5.	0.0006	0.0006	0.1711	263.0	43.8
15264.	101.4	-61.1	133.4	133.4	-79.6	5.	0.0006	0.0006	0.1699	263.0	43.9
15320.	100.3	-61.1	134.5	134.5	-79.6	5.	0.0006	0.0006	0.1678	263.0	44.0
15376.	99.2	-61.1	135.6	135.6	-79.6	5.	0.0006	0.0006	0.1663	263.0	44.1
15432.	98.1	-61.1	136.7	136.7	-79.6	5.	0.0006	0.0006	0.1643	263.0	44.2
15488.	97.0	-61.1	137.8	137.8	-79.6	5.	0.0006	0.0006	0.1628	263.0	44.3
15544.	95.9	-61.1	138.9	138.9	-79.6	5.	0.0006	0.0006	0.1613	263.0	44.4
15600.	94.8	-61.1	140.0	140.0	-79.6	5.	0.0006	0.0006	0.1599	263.0	44.5
15656.	93.7	-61.1	141.1	141.1	-79.6	5.	0.0006	0.0006	0.1585	263.0	44.6
15712.	92.6	-61.1	142.2	142.2	-79.6	5.	0.0006	0.0006	0.1571	263.0	44.7
15768.	91.5	-61.1	143.3	143.3	-79.6	5.	0.0006	0.0006	0.1556	263.0	44.8
15824.	90.4	-61.1	144.4	144.4	-79.6	5.	0.0006	0.0006	0.1541	263.0	44.9
15880.	89.3	-61.1	145.5	145.5	-79.6	5.	0.0006	0.0006	0.1527	263.0	45.0
15936.	88.2	-61.1	146.6	146.6	-79.6	5.	0.0006	0.0006	0.1512	263.0	45.1
15992.	87.1	-61.1	147.7	147.7	-79.6	5.	0.0006	0.0006	0.1496	263.0	45.2

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RH0 (G/M+3)	RH0 (G/M+3)	DIR (DEG)	SPEED (KTS)
16266.	86.3	-55.8	164.4	164.4	-78.0	4.	0.00008	0.00008	0.1383	272.0	51.6
16325.	85.5	-55.4	166.4	166.4	-77.7	4.	0.00008	0.00009	0.1368	272.0	52.1
16385.	84.7	-55.1	168.2	168.2	-77.4	4.	0.00008	0.00009	0.1353	273.0	52.4
16446.	83.9	-54.8	169.6	169.6	-77.3	4.	0.00008	0.00008	0.1340	273.0	52.6
16507.	83.1	-54.4	171.2	171.2	-77.2	4.	0.00008	0.00009	0.1326	274.0	52.9
16561.	82.4	-54.1	172.7	172.7	-77.0	4.	0.00008	0.00010	0.1313	274.0	53.1
16615.	81.7	-54.2	174.6	174.6	-76.7	4.	0.00008	0.00010	0.1300	275.0	53.5
16670.	81.0	-53.9	176.3	176.3	-76.5	4.	0.00008	0.00011	0.1287	275.0	53.7
16726.	80.3	-53.8	177.6	177.6	-76.4	4.	0.00008	0.00011	0.1275	275.0	54.0
16782.	79.6	-53.6	179.2	179.2	-76.2	4.	0.00008	0.00011	0.1263	276.0	54.4
16838.	78.9	-53.4	180.7	180.7	-76.1	4.	0.00008	0.00011	0.1251	276.0	54.7
16896.	78.2	-53.4	181.9	181.9	-76.1	4.	0.00008	0.00011	0.1240	276.0	54.9
16946.	77.5	-53.3	183.1	183.1	-76.0	4.	0.00008	0.00011	0.1230	277.0	55.4
17004.	76.8	-53.3	184.7	184.7	-75.8	4.	0.00008	0.00012	0.1217	277.0	55.7
17054.	76.3	-53.2	186.1	186.1	-75.6	4.	0.00008	0.00012	0.1207	277.0	56.2
17114.	75.6	-53.2	187.4	187.4	-75.6	4.	0.00008	0.00012	0.1196	277.0	56.7
17165.	75.0	-53.1	189.4	189.4	-75.6	4.	0.00008	0.00012	0.1186	277.0	57.2
17225.	74.3	-53.1	191.1	191.1	-75.5	4.	0.00008	0.00012	0.1175	277.0	57.7
17278.	73.7	-52.9	192.6	192.6	-75.5	4.	0.00008	0.00012	0.1165	278.0	58.3
17330.	73.1	-52.8	194.2	194.2	-75.1	3.	0.00008	0.00010	0.1154	278.0	58.7
17383.	72.5	-52.5	194.2	194.2	-75.0	3.	0.00008	0.00010	0.1144	278.0	59.2
17446.	71.8	-52.3	195.5	195.5	-77.0	3.	0.00008	0.00010	0.1133	278.0	59.7
17509.	71.1	-52.4	196.6	196.6	-77.1	3.	0.00008	0.00010	0.1122	278.0	60.0
17564.	70.5	-52.4	197.7	197.7	-77.1	3.	0.00008	0.00010	0.1113	278.0	60.4
17628.	69.8	-52.2	199.9	199.9	-76.7	3.	0.00008	0.00010	0.1100	278.0	60.7
17694.	69.1	-51.7	201.9	201.9	-76.5	3.	0.00008	0.00011	0.1087	278.0	61.0
17750.	68.5	-51.6	203.3	203.3	-76.4	3.	0.00008	0.00011	0.1077	278.0	61.2
17817.	67.8	-51.1	204.4	204.4	-76.4	3.	0.00008	0.00011	0.1066	278.0	61.5
17884.	67.1	-51.1	206.8	206.8	-76.2	3.	0.00008	0.00011	0.1054	278.0	61.7
17952.	66.4	-51.1	208.6	208.6	-76.6	3.	0.00008	0.00011	0.1042	278.0	61.8
18031.	65.7	-51.1	210.1	210.1	-78.6	2.	0.00008	0.00008	0.1030	279.0	61.8
18100.	64.9	-51.1	211.6	211.6	-78.6	2.	0.00008	0.00008	0.1019	279.0	61.9
18168.	64.3	-51.1	213.1	213.1	-78.6	2.	0.00008	0.00008	0.1009	279.0	62.1
18232.	63.6	-51.1	214.6	214.6	-78.6	2.	0.00008	0.00008	0.0998	279.0	62.1
18303.	62.9	-51.1	215.9	215.9	-78.6	2.	0.00008	0.00008	0.0987	279.0	62.1
18376.	62.2	-51.1	217.5	217.5	-82.8	1.	0.00008	0.00004	0.0976	279.0	62.0
18439.	61.6	-51.1	219.1	219.1	-82.7	1.	0.00008	0.00004	0.0966	279.0	62.1
18502.	61.0	-51.0	220.7	220.7	-82.7	1.	0.00008	0.00004	0.0957	279.0	62.2
18567.	60.4	-50.9	222.3	222.3	-82.6	1.	0.00008	0.00004	0.0947	279.0	62.2
18642.	59.7	-50.9	223.5	223.5	-82.7	1.	0.00008	0.00004	0.0936	279.0	62.4
18708.	59.1	-51.1	224.4	224.4	-82.7	1.	0.00008	0.00004	0.0927	279.0	62.7
18774.	58.4	-51.1	226.7	226.7	-82.7	1.	0.00008	0.00004	0.0918	280.0	62.7
18830.	57.8	-51.1	227.4	227.4	-82.8	1.	0.00008	0.00004	0.0910	280.0	63.4
18897.	57.4	-51.1	228.8	228.8	-82.8	1.	0.00008	0.00004	0.0893	280.0	63.4
18954.	56.9	-51.1	230.1	230.1	-82.7	1.	0.00008	0.00004	0.0885	280.0	63.4
19011.	56.4	-51.1	231.6	231.6	-82.7	1.	0.00008	0.00004	0.0877	280.0	64.7
19069.	55.9	-51.1	232.9	232.9	-82.6	1.	0.00008	0.00004	0.0869	281.0	64.7
19128.	55.4	-51.1	234.4	234.4	-82.6	1.	0.00008	0.00004	0.0861	281.0	65.1
19186.	54.9	-50.9	236.0	236.0	-82.4	1.	0.00008	0.00004	0.0852	281.0	65.7
19246.	54.4	-50.6	237.6	237.6	-82.4	1.	0.00008	0.00004	0.0843	281.0	66.6
19306.	53.9	-49.9	239.2	239.2	-81.7	1.	0.00008	0.00003	0.0833	281.0	67.3
19367.	53.4	-49.9	240.8	240.8	-81.7	1.	0.00008	0.00003	0.0826	281.0	67.3
19416.	52.8	-48.9	242.4	242.4	-81.1	1.	0.00008	0.00003	0.0818	282.0	67.3
19478.	52.2	-48.9	244.0	244.0	-81.1	1.	0.00008	0.00003	0.0809	282.0	67.5
19540.	51.7	-48.7	245.6	245.6	-81.1	1.	0.00008	0.00003	0.0800	282.0	67.4
19603.	51.1	-48.4	247.1	247.1	-81.1	1.	0.00008	0.00003	0.0793	282.0	67.4
19665.	50.6	-48.4	248.7	248.7	-81.1	1.	0.00008	0.00003	0.0784	282.0	67.4
19728.	50.0	-48.1	250.2	250.2	-81.1	1.	0.00008	0.00003	0.0774	282.0	67.4
19791.	49.5	-47.9	251.8	251.8	-81.1	1.	0.00008	0.00003	0.0767	282.0	67.4

SOUNDING 17.4
 LATITUDE 10.4
 DATE 10-23-81
 NUMBER OF LEVELS 49

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RH0 (G/M+3)	RH0 (G/M+3)	DIR (DEG)	SPEED (M/S)
0.	1852.9	-0.7	-4.4	-4.1	-8.4	73.	2.0338	2.3738	1.3062	10.0	8.3
61.	995.1	-4.7	-3.4	-3.0	-8.4	74.	3.0338	2.5052	1.2938	10.0	8.3
124.	947.2	-4.4	-3.4	-3.0	-8.4	74.	3.0338	2.5052	1.2938	10.0	8.3
175.	913.4	-4.4	-3.4	-3.0	-8.4	74.	3.0338	2.5052	1.2938	10.0	8.3
230.	874.0	-4.4	-3.4	-3.0	-8.4	74.	3.0338	2.5052	1.2938	10.0	8.3
282.	837.6	-4.4	-3.4	-3.0	-8.4	74.	3.0338	2.5052	1.2938	10.0	8.3
333.	801.7	-4.4	-3.4	-3.0	-8.4	74.	3.0338	2.5052	1.2938	10.0	8.3
384.	766.7	-4.4	-3.4	-3.0	-8.4	74.	3.0338	2.5052	1.2938	10.0	8.3
435.	731.7	-4.4	-3.4	-3.0	-8.4	74.	3.0338	2.5052	1.2938	10.0	8.3
486.	696.7	-4.4	-3.4	-3.0	-8.4	74.	3.0338	2.5052	1.2938	10.0	8.3
537.	661.7	-4.4	-3.4	-3.0	-8.4	74.	3.0338	2.5052	1.2938	10.0	8.3
588.	626.7	-4.4	-3.4	-3.0	-8.4	74.	3.0338	2.5052	1.2938	10.0	8.3
639.	591.7	-4.4	-3.4	-3.0	-8.4	74.	3.0338	2.5052	1.2938	10.0	8.3
690.	556.7	-4.4	-3.4	-3.0	-8.4	74.	3.0338	2.5052	1.2938	10.0	8.3
741.	521.7	-4.4	-3.4	-3.0	-8.4	74.	3.0338	2.5052	1.2938	10.0	8.3
792.	486.7	-4.4	-3.4	-3.0	-8.4	74.	3.0338	2.5052	1.2938	10.0	8.3
843.	451.7	-4.4	-3.4	-3.0	-8.4	74.	3.0338	2.5052	1.2938	10.0	8.3
894.	416.7	-4.4	-3.4	-3.0	-8.4	74.	3.0338	2.5052	1.2938	10.0	8.3
945.	381.7	-4.4	-3.4	-3.0	-8.4	74.	3.0338	2.5052	1.2938	10.0	8.3
996.	346.7	-4.4	-3.4	-3.0	-8.4	74.	3.0338	2.5052	1.2938	10.0	8.3
1047.	311.7	-4.4	-3.4	-3.0	-8.4	74.	3.0338	2.5052	1.2938	10.0	8.3
1098.	276.7	-4.4	-3.4	-3.0	-8.4	74.	3.0338	2.5052	1.2938	10.0	8.3
1149.	241.7	-4.4	-3.4	-3.0	-8.4	74.	3.0338	2.5052	1.2938	10.0	8.3
1200.	206.7	-4.4	-3.4	-3.0	-8.4	74.	3.0338	2.5052	1.2938	10.0	8.3
1251.	171.7	-4.4	-3.4	-3.0	-8.4	74.	3.0338	2.5052	1.2938	10.0	8.3
1302.	136.7	-4.4	-3.4	-3.0	-8.4	74.	3.0338	2.5052	1.2938	10.0	8.3
1353.	101.7	-4.4	-3.4	-3.0	-8.4	74.	3.0338	2.5052	1.2938	10.0	8.3
1404.	66.7	-4.4	-3.4	-3.0	-8.4	74.	3.0338	2.5052	1.2938	10.0	8.3
1455.	31.7	-4.4	-3.4	-3.0	-8.4	74.	3.0338	2.5052	1.2938	10.0	8.3
1506.	-3.3	-4.4	-3.4	-3.0	-8.4	74.	3.0338	2.5052	1.2938	10.0	8.3
1557.	-38.3	-4.4	-3.4	-3.0	-8.4	74.	3.0338	2.5052	1.2938	10.0	8.3
1608.	-73.3	-4.4	-3.4	-3.0	-8.4	74.	3.0338	2.5052	1.2938	10.0	8.3
1659.	-108.3	-4.4	-3.4	-3.0	-8.4	74.	3.0338	2.5052	1.2938	10.0	8.3
1710.	-143.3	-4.4	-3.4	-3.0	-8.4	74.	3.0338	2.5052	1.2938	10.0	8.3
1761.	-178.3	-4.4	-3.4	-3.0	-8.4	74.	3.0338	2.5052	1.2938	10.0	8.3
1812.	-213.3	-4.4	-3.4	-3.0	-8.4	74.	3.0338	2.5052	1.2938	10.0	8.3
1863.	-248.3	-4.4	-3.4	-3.0	-8.4	74.	3.0338	2.5052	1.2938	10.0	8.3
1914.	-283.3	-4.4	-3.4	-3.0	-8.4	74.	3.0338	2.5052	1.2938	10.0	8.3
1965.	-318.3	-4.4	-3.4	-3.0	-8.4	74.	3.0338	2.5052	1.2938	10.0	8.3
2016.	-353.3	-4.4	-3.4	-3.0	-8.4	74.	3.0338	2.5052	1.2938	10.0	8.3
2067.	-388.3	-4.4	-3.4	-3.0	-8.4	74.	3.0338	2.5052	1.2938	10.0	8.3
2118.	-423.3	-4.4	-3.4	-3.0	-8.4	74.	3.0338	2.5052	1.2938	10.0	8.3
2169.	-458.3	-4.4	-3.4	-3.0	-8.4	74.	3.0338	2.5052	1.2938	10.0	8.3

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MM)	1E+3*RH0V (G/M**3)	RH0 (KG/M**3)	D18 (DEG)	SPEED (M/S)
11154	841.4	-1.4	33.5	13.5	-1.6	97.	1.1627	1.03149	0.93247	282.0	13.2
11149	841.5	-1.5	33.5	13.5	-1.6	97.	1.1627	0.92532	0.88882	282.0	13.2
11144	841.6	-1.6	33.5	13.5	-1.6	97.	1.1627	0.91815	0.86935	282.0	13.2
11139	841.7	-1.7	33.5	13.5	-1.6	97.	1.1627	0.91098	0.83323	282.0	13.2
11134	841.8	-1.8	33.5	13.5	-1.6	97.	1.1627	0.90381	0.79711	282.0	13.2
11129	841.9	-1.9	33.5	13.5	-1.6	97.	1.1627	0.89664	0.76099	282.0	13.2
11124	842.0	-2.0	33.5	13.5	-1.6	97.	1.1627	0.88947	0.72487	282.0	13.2
11119	842.1	-2.1	33.5	13.5	-1.6	97.	1.1627	0.88230	0.68875	282.0	13.2
11114	842.2	-2.2	33.5	13.5	-1.6	97.	1.1627	0.87513	0.65263	282.0	13.2
11109	842.3	-2.3	33.5	13.5	-1.6	97.	1.1627	0.86796	0.61651	282.0	13.2
11104	842.4	-2.4	33.5	13.5	-1.6	97.	1.1627	0.86079	0.58039	282.0	13.2
11099	842.5	-2.5	33.5	13.5	-1.6	97.	1.1627	0.85362	0.54427	282.0	13.2
11094	842.6	-2.6	33.5	13.5	-1.6	97.	1.1627	0.84645	0.50815	282.0	13.2
11089	842.7	-2.7	33.5	13.5	-1.6	97.	1.1627	0.83928	0.47203	282.0	13.2
11084	842.8	-2.8	33.5	13.5	-1.6	97.	1.1627	0.83211	0.43591	282.0	13.2
11079	842.9	-2.9	33.5	13.5	-1.6	97.	1.1627	0.82494	0.39979	282.0	13.2
11074	843.0	-3.0	33.5	13.5	-1.6	97.	1.1627	0.81777	0.36367	282.0	13.2
11069	843.1	-3.1	33.5	13.5	-1.6	97.	1.1627	0.81060	0.32755	282.0	13.2
11064	843.2	-3.2	33.5	13.5	-1.6	97.	1.1627	0.80343	0.29143	282.0	13.2
11059	843.3	-3.3	33.5	13.5	-1.6	97.	1.1627	0.79626	0.25531	282.0	13.2
11054	843.4	-3.4	33.5	13.5	-1.6	97.	1.1627	0.78909	0.21919	282.0	13.2
11049	843.5	-3.5	33.5	13.5	-1.6	97.	1.1627	0.78192	0.18307	282.0	13.2
11044	843.6	-3.6	33.5	13.5	-1.6	97.	1.1627	0.77475	0.14695	282.0	13.2
11039	843.7	-3.7	33.5	13.5	-1.6	97.	1.1627	0.76758	0.11083	282.0	13.2
11034	843.8	-3.8	33.5	13.5	-1.6	97.	1.1627	0.76041	0.07471	282.0	13.2
11029	843.9	-3.9	33.5	13.5	-1.6	97.	1.1627	0.75324	0.03859	282.0	13.2
11024	844.0	-4.0	33.5	13.5	-1.6	97.	1.1627	0.74607	0.00247	282.0	13.2
11019	844.1	-4.1	33.5	13.5	-1.6	97.	1.1627	0.73890	0.00000	282.0	13.2
11014	844.2	-4.2	33.5	13.5	-1.6	97.	1.1627	0.73173	0.00000	282.0	13.2
11009	844.3	-4.3	33.5	13.5	-1.6	97.	1.1627	0.72456	0.00000	282.0	13.2
11004	844.4	-4.4	33.5	13.5	-1.6	97.	1.1627	0.71739	0.00000	282.0	13.2
10999	844.5	-4.5	33.5	13.5	-1.6	97.	1.1627	0.71022	0.00000	282.0	13.2
10994	844.6	-4.6	33.5	13.5	-1.6	97.	1.1627	0.70305	0.00000	282.0	13.2
10989	844.7	-4.7	33.5	13.5	-1.6	97.	1.1627	0.69588	0.00000	282.0	13.2
10984	844.8	-4.8	33.5	13.5	-1.6	97.	1.1627	0.68871	0.00000	282.0	13.2
10979	844.9	-4.9	33.5	13.5	-1.6	97.	1.1627	0.68154	0.00000	282.0	13.2
10974	845.0	-5.0	33.5	13.5	-1.6	97.	1.1627	0.67437	0.00000	282.0	13.2
10969	845.1	-5.1	33.5	13.5	-1.6	97.	1.1627	0.66720	0.00000	282.0	13.2
10964	845.2	-5.2	33.5	13.5	-1.6	97.	1.1627	0.66003	0.00000	282.0	13.2
10959	845.3	-5.3	33.5	13.5	-1.6	97.	1.1627	0.65286	0.00000	282.0	13.2
10954	845.4	-5.4	33.5	13.5	-1.6	97.	1.1627	0.64569	0.00000	282.0	13.2
10949	845.5	-5.5	33.5	13.5	-1.6	97.	1.1627	0.63852	0.00000	282.0	13.2
10944	845.6	-5.6	33.5	13.5	-1.6	97.	1.1627	0.63135	0.00000	282.0	13.2
10939	845.7	-5.7	33.5	13.5	-1.6	97.	1.1627	0.62418	0.00000	282.0	13.2
10934	845.8	-5.8	33.5	13.5	-1.6	97.	1.1627	0.61701	0.00000	282.0	13.2
10929	845.9	-5.9	33.5	13.5	-1.6	97.	1.1627	0.60984	0.00000	282.0	13.2
10924	846.0	-6.0	33.5	13.5	-1.6	97.	1.1627	0.60267	0.00000	282.0	13.2
10919	846.1	-6.1	33.5	13.5	-1.6	97.	1.1627	0.59550	0.00000	282.0	13.2
10914	846.2	-6.2	33.5	13.5	-1.6	97.	1.1627	0.58833	0.00000	282.0	13.2
10909	846.3	-6.3	33.5	13.5	-1.6	97.	1.1627	0.58116	0.00000	282.0	13.2
10904	846.4	-6.4	33.5	13.5	-1.6	97.	1.1627	0.57399	0.00000	282.0	13.2
10899	846.5	-6.5	33.5	13.5	-1.6	97.	1.1627	0.56682	0.00000	282.0	13.2
10894	846.6	-6.6	33.5	13.5	-1.6	97.	1.1627	0.55965	0.00000	282.0	13.2
10889	846.7	-6.7	33.5	13.5	-1.6	97.	1.1627	0.55248	0.00000	282.0	13.2
10884	846.8	-6.8	33.5	13.5	-1.6	97.	1.1627	0.54531	0.00000	282.0	13.2
10879	846.9	-6.9	33.5	13.5	-1.6	97.	1.1627	0.53814	0.00000	282.0	13.2
10874	847.0	-7.0	33.5	13.5	-1.6	97.	1.1627	0.53097	0.00000	282.0	13.2
10869	847.1	-7.1	33.5	13.5	-1.6	97.	1.1627	0.52380	0.00000	282.0	13.2
10864	847.2	-7.2	33.5	13.5	-1.6	97.	1.1627	0.51663	0.00000	282.0	13.2
10859	847.3	-7.3	33.5	13.5	-1.6	97.	1.1627	0.50946	0.00000	282.0	13.2
10854	847.4	-7.4	33.5	13.5	-1.6	97.	1.1627	0.50229	0.00000	282.0	13.2
10849	847.5	-7.5	33.5	13.5	-1.6	97.	1.1627	0.49512	0.00000	282.0	13.2
10844	847.6	-7.6	33.5	13.5	-1.6	97.	1.1627	0.48795	0.00000	282.0	13.2
10839	847.7	-7.7	33.5	13.5	-1.6	97.	1.1627	0.48078	0.00000	282.0	13.2
10834	847.8	-7.8	33.5	13.5	-1.6	97.	1.1627	0.47361	0.00000	282.0	13.2
10829	847.9	-7.9	33.5	13.5	-1.6	97.	1.1627	0.46644	0.00000	282.0	13.2
10824	848.0	-8.0	33.5	13.5	-1.6	97.	1.1627	0.45927	0.00000	282.0	13.2
10819	848.1	-8.1	33.5	13.5	-1.6	97.	1.1627	0.45210	0.00000	282.0	13.2
10814	848.2	-8.2	33.5	13.5	-1.6	97.	1.1627	0.44493	0.00000	282.0	13.2
10809	848.3	-8.3	33.5	13.5	-1.6	97.	1.1627	0.43776	0.00000	282.0	13.2
10804	848.4	-8.4	33.5	13.5	-1.6	97.	1.1627	0.43059	0.00000	282.0	13.2
10799	848.5	-8.5	33.5	13.5	-1.6	97.	1.1627	0.42342	0.00000	282.0	13.2
10794	848.6	-8.6	33.5	13.5	-1.6	97.	1.1627	0.41625	0.00000	282.0	13.2
10789	848.7	-8.7	33.5	13.5	-1.6	97.	1.1627	0.40908	0.00000	282.0	13.2
10784	848.8	-8.8	33.5	13.5	-1.6	97.	1.1627	0.40191	0.00000	282.0	13.2
10779	848.9	-8.9	33.5	13.5	-1.6	97.	1.1627	0.39474	0.00000	282.0	13.2
10774	849.0	-9.0	33.5	13.5	-1.6	97.	1.1627	0.38757	0.00000	282.0	13.2
10769	849.1	-9.1	33.5	13.5	-1.6	97.	1.1627	0.38040	0.00000	282.0	13.2
10764	849.2	-9.2	33.5	13.5	-1.6	97.	1.1627	0.37323	0.00000	282.0	13.2
10759	849.3	-9.3	33.5	13.5	-1.6	97.	1.1627	0.36606	0.00000	282.0	13.2
10754	849.4	-9.4	33.5	13.5	-1.6	97.	1.1627	0.35889	0.00000	282.0	13.2
10749	849.5	-9.5	33.5	13.5	-1.6	97.	1.1627	0.35172	0.00000	282.0	13.2
10744	849.6	-9.6	33.5	13.5	-1.6	97.	1.1627	0.34455	0.00000	282.0	13.2
10739	849.7	-9.7	33.5	13.5	-1.6	97.	1.1627	0.33738	0.00000	282.0	13.2
10734	849.8	-9.8	33.5	13.5	-1.6	97.	1.1627	0.33021	0.00000	282.0	13.2
10729	849.9	-9.9	33.5	13.5	-1.6	97.	1.1627	0.32304	0.00000	282.0	13.2
10724	850.0	-10.0	33.5	13.5	-1.6	97.	1.1627	0.31587	0.00000	282.0	13.2
10719	850.1	-10.1	33.5	13.5	-1.6	97.	1.1627	0.30870	0.00000	282.0	13.2
10714	850.2	-10.2	33.5	13.5	-1.6	97.	1.1627	0.30153	0.00000	282.0	13.2
10709	850.3	-10.3	33.5	13.5	-1.6	97.	1.1627	0.29436	0.00000	282.0	13.2
10704	850.4	-10.4	33.5	13.5	-1.6	97.	1.1627	0.28719	0.00000	282.0	13.2
10699	850.5	-10.5	33.5	13.5	-1.6	97.	1.1627	0.28002	0.00000	282.0	13.2
10694	850.6	-10.6	33.5	13.5	-1.6	97.	1.1627	0.27285	0.00000	282.0	13.2
10689	850.7	-10.7	33.5	13.5	-1.6	97.	1.1627	0.26568	0.00000	282.0	13.2
10684	850.8	-10.8	33.5	13.5	-1.6	97.	1.1627	0.25851	0.00000	282.0	13.2
10679	850.9	-10.9	33.5	13.5	-1.6	97.	1.1627	0.25134	0.00000	282.0	13.2
10674	851.0	-11.0	33.5	13.5	-1.6	97.	1.1627	0.24417	0.00000	282.0	13.2
10669	851.1	-11.1	33.5	13.5	-1.6	97.	1.1627	0.23700	0.00000	282.0	13.2
10664	851.2	-11.2	33.5	13.5	-1.6	97.	1.1627	0.22983	0.00000	282.0	13.2
10659	851.3	-11.3	33.5	13.5	-1.6	97.	1.1627	0.22266	0.00000	282.0	13.2
10654	851.4	-11.4	33.5	13.5	-1.6	97.	1.1627	0.21549	0.00000	282.0	13.2
10649	851.5	-11.5	33.5	13.5	-1.6	97.	1.1627				

HEIGHT (M)	PRSS (MM)	T (C)	THETA (C)	THETA (C)	REL POINT (C)	REL HUP (C)	E (M)	1E+3*RHOW (G/M+3)	RHO (G/M+3)	DIR (DEG)	SEED (7/5)
2273	73.6	-7.7	17.7	17.7	-8.0	91.	2.1145	2.5453	0.9653	33.0	2.3
2318	73.6	-7.7	17.7	17.7	-8.1	91.	2.0275	2.5235	0.9601	33.0	2.2
2363	73.6	-7.7	17.7	17.7	-8.4	91.	1.9305	2.4617	0.9552	33.0	2.1
2408	71.1	-7.7	17.7	17.7	-8.6	91.	2.9361	2.4210	0.9501	33.0	2.0
2453	71.1	-7.7	17.7	17.7	-8.6	91.	2.9361	2.3809	0.9450	33.0	1.9
2498	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	2.3610	0.9397	33.0	1.8
2543	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	2.3218	0.9342	33.0	1.7
2588	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	2.2833	0.9284	33.0	1.6
2633	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	2.2452	0.9228	33.0	1.5
2678	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	2.2077	0.9172	33.0	1.4
2723	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	2.1702	0.9116	33.0	1.3
2768	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	2.1327	0.9060	33.0	1.2
2813	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	2.0952	0.9004	33.0	1.1
2858	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	2.0577	0.8948	33.0	1.0
2903	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	2.0202	0.8892	33.0	0.9
2948	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	1.9827	0.8836	33.0	0.8
2993	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	1.9452	0.8780	33.0	0.7
3038	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	1.9077	0.8724	33.0	0.6
3083	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	1.8702	0.8668	33.0	0.5
3128	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	1.8327	0.8612	33.0	0.4
3173	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	1.7952	0.8556	33.0	0.3
3218	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	1.7577	0.8500	33.0	0.2
3263	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	1.7202	0.8444	33.0	0.1
3308	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	1.6827	0.8388	33.0	0.0
3353	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	1.6452	0.8332	33.0	0.0
3398	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	1.6077	0.8276	33.0	0.0
3443	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	1.5702	0.8220	33.0	0.0
3488	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	1.5327	0.8164	33.0	0.0
3533	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	1.4952	0.8108	33.0	0.0
3578	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	1.4577	0.8052	33.0	0.0
3623	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	1.4202	0.7996	33.0	0.0
3668	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	1.3827	0.7940	33.0	0.0
3713	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	1.3452	0.7884	33.0	0.0
3758	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	1.3077	0.7828	33.0	0.0
3803	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	1.2702	0.7772	33.0	0.0
3848	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	1.2327	0.7716	33.0	0.0
3893	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	1.1952	0.7660	33.0	0.0
3938	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	1.1577	0.7604	33.0	0.0
3983	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	1.1202	0.7548	33.0	0.0
4028	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	1.0827	0.7492	33.0	0.0
4073	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	1.0452	0.7436	33.0	0.0
4118	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	1.0077	0.7380	33.0	0.0
4163	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.9702	0.7324	33.0	0.0
4208	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.9327	0.7268	33.0	0.0
4253	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.8952	0.7212	33.0	0.0
4298	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.8577	0.7156	33.0	0.0
4343	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.8202	0.7100	33.0	0.0
4388	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.7827	0.7044	33.0	0.0
4433	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.7452	0.6988	33.0	0.0
4478	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.7077	0.6932	33.0	0.0
4523	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.6702	0.6876	33.0	0.0
4568	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.6327	0.6820	33.0	0.0
4613	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.5952	0.6764	33.0	0.0
4658	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.5577	0.6708	33.0	0.0
4703	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.5202	0.6652	33.0	0.0
4748	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.4827	0.6596	33.0	0.0
4793	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.4452	0.6540	33.0	0.0
4838	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.4077	0.6484	33.0	0.0
4883	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.3702	0.6428	33.0	0.0
4928	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.3327	0.6372	33.0	0.0
4973	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.2952	0.6316	33.0	0.0
5018	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.2577	0.6260	33.0	0.0
5063	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.2202	0.6204	33.0	0.0
5108	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.1827	0.6148	33.0	0.0
5153	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.1452	0.6092	33.0	0.0
5198	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.1077	0.6036	33.0	0.0
5243	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.0702	0.5980	33.0	0.0
5288	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.0327	0.5924	33.0	0.0
5333	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.0000	0.5868	33.0	0.0
5378	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.0000	0.5812	33.0	0.0
5423	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.0000	0.5756	33.0	0.0
5468	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.0000	0.5700	33.0	0.0
5513	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.0000	0.5644	33.0	0.0
5558	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.0000	0.5588	33.0	0.0
5603	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.0000	0.5532	33.0	0.0
5648	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.0000	0.5476	33.0	0.0
5693	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.0000	0.5420	33.0	0.0
5738	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.0000	0.5364	33.0	0.0
5783	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.0000	0.5308	33.0	0.0
5828	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.0000	0.5252	33.0	0.0
5873	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.0000	0.5196	33.0	0.0
5918	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.0000	0.5140	33.0	0.0
5963	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.0000	0.5084	33.0	0.0
6008	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.0000	0.5028	33.0	0.0
6053	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.0000	0.4972	33.0	0.0
6098	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.0000	0.4916	33.0	0.0
6143	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.0000	0.4860	33.0	0.0
6188	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.0000	0.4804	33.0	0.0
6233	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.0000	0.4748	33.0	0.0
6278	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.0000	0.4692	33.0	0.0
6323	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.0000	0.4636	33.0	0.0
6368	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.0000	0.4580	33.0	0.0
6413	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.0000	0.4524	33.0	0.0
6458	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.0000	0.4468	33.0	0.0
6503	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.0000	0.4412	33.0	0.0
6548	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.0000	0.4356	33.0	0.0
6593	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.0000	0.4300	33.0	0.0
6638	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.0000	0.4244	33.0	0.0
6683	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.0000	0.4188	33.0	0.0
6728	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.0000	0.4132	33.0	0.0
6773	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.0000	0.4076	33.0	0.0
6818	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.0000	0.4020	33.0	0.0
6863	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.0000	0.3964	33.0	0.0
6908	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.0000	0.3908	33.0	0.0
6953	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.0000	0.3852	33.0	0.0
6998	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.0000	0.3796	33.0	0.0
7043	71.1	-7.7	17.7	17.7	-8.4	91.	2.8796	0.0000	0.3740	33.0	0.0
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HEIGHT (M)	PRES (M)	T (C)	THETA (C)	THETA V (C)	DEL POINT (C)	REL HUM (%)	E (M)	1E+1-RHOV (G/M+1)	RHO (KG/M+1)	DIR (DLC)	SPEED (F/25)
8466	313.4	-48.1	40.3	40.3	-48.9	91.	0.0453	0.0438	0.4852	314.0	20.5
8521	310.8	-46.5	40.5	40.5	-48.3	91.	0.0432	0.0418	0.4826	317.0	20.1
8576	308.2	-45.0	40.6	40.6	-48.8	91.	0.0436	0.0394	0.4790	317.0	19.8
8632	305.6	-49.6	40.5	40.5	-50.4	91.	0.0377	0.0367	0.4763	317.0	19.5
8685	303.1	-50.0	40.4	40.4	-51.0	91.	0.0350	0.0342	0.4736	316.0	19.1
8741	300.5	-50.9	40.2	40.2	-51.7	91.	0.0321	0.0314	0.4710	316.0	18.7
8793	298.1	-51.3	40.3	40.3	-52.1	91.	0.0305	0.0299	0.4681	315.0	18.3
8850	295.5	-51.7	40.5	40.5	-52.8	91.	0.0291	0.0285	0.4649	315.0	18.0
8907	292.9	-52.1	40.8	40.8	-53.4	91.	0.0276	0.0272	0.4616	315.0	17.7
8965	290.3	-52.6	40.6	40.6	-53.8	91.	0.0259	0.0256	0.4586	315.0	17.4
9021	287.8	-53.1	40.9	40.9	-54.3	91.	0.0243	0.0241	0.4554	315.0	17.1
9078	285.1	-53.6	41.1	41.1	-54.8	91.	0.0228	0.0226	0.4524	315.0	16.8
9135	282.7	-54.1	41.1	41.1	-55.3	91.	0.0214	0.0212	0.4496	314.0	16.5
9190	280.3	-54.5	41.3	41.3	-55.8	91.	0.0204	0.0202	0.4466	314.0	16.2
9247	277.8	-54.9	41.5	41.5	-56.3	91.	0.0193	0.0193	0.4434	314.0	15.9
9305	275.3	-55.4	41.6	41.6	-56.7	91.	0.0181	0.0181	0.4404	314.0	15.7
9360	272.9	-55.8	41.5	41.5	-57.2	91.	0.0168	0.0168	0.4378	314.0	15.4
9416	270.5	-56.2	41.6	41.6	-57.7	91.	0.0157	0.0158	0.4350	314.0	15.1
9470	268.2	-56.6	41.9	41.9	-58.2	91.	0.0147	0.0148	0.4323	315.0	14.8
9527	265.8	-57.0	41.7	41.7	-58.7	91.	0.0138	0.0139	0.4294	315.0	14.5
9583	263.6	-57.4	41.9	41.9	-59.2	91.	0.0129	0.0130	0.4268	315.0	14.2
9639	261.3	-57.8	42.0	42.0	-59.7	91.	0.0122	0.0124	0.4239	315.0	13.9
9695	259.0	-58.2	42.2	42.2	-60.1	91.	0.0114	0.0116	0.4211	315.0	13.6
9751	256.7	-58.6	42.4	42.4	-60.6	91.	0.0107	0.0110	0.4184	315.0	13.3
9807	254.4	-59.0	42.5	42.5	-61.1	91.	0.0101	0.0103	0.4154	314.0	13.0
9863	252.1	-59.4	42.7	42.7	-61.6	91.	0.0096	0.0098	0.4124	316.0	12.7
9919	249.8	-59.8	42.9	42.9	-62.1	91.	0.0091	0.0093	0.4094	316.0	12.4
9975	247.6	-60.2	43.0	43.0	-62.6	91.	0.0086	0.0088	0.4066	317.0	12.1
10031	245.5	-60.6	43.0	43.0	-63.1	91.	0.0080	0.0082	0.4041	318.0	11.8
10087	243.4	-61.0	43.0	43.0	-63.6	91.	0.0075	0.0077	0.4016	318.0	11.5
10143	241.5	-61.4	42.9	42.9	-64.1	91.	0.0070	0.0072	0.3994	318.0	11.2
10199	239.6	-61.8	42.8	42.8	-64.6	91.	0.0066	0.0067	0.3974	318.0	10.9
10255	237.5	-62.2	42.8	42.8	-65.1	91.	0.0060	0.0062	0.3948	318.0	10.6
10311	235.4	-62.6	43.0	43.0	-65.6	91.	0.0057	0.0059	0.3921	318.0	10.3
10367	233.2	-63.0	43.2	43.2	-66.1	91.	0.0054	0.0056	0.3892	318.0	10.0
10423	231.1	-63.4	43.6	43.6	-66.6	91.	0.0051	0.0053	0.3862	318.0	9.7
10479	229.0	-63.8	43.7	43.7	-67.1	91.	0.0048	0.0050	0.3832	318.0	9.4
10535	227.0	-64.2	43.9	43.9	-67.6	91.	0.0045	0.0047	0.3802	318.0	9.1
10591	224.9	-64.6	44.3	44.3	-68.1	91.	0.0042	0.0044	0.3774	318.0	8.8
10647	222.9	-65.0	44.7	44.7	-68.6	91.	0.0039	0.0041	0.3746	318.0	8.5
10703	220.8	-65.4	44.7	44.7	-69.1	91.	0.0036	0.0038	0.3723	318.0	8.2
10759	218.9	-65.8	44.6	44.6	-69.6	91.	0.0033	0.0035	0.3680	318.0	7.9
10815	216.9	-66.2	44.4	44.4	-70.1	91.	0.0030	0.0032	0.3660	317.0	7.6
10871	214.9	-66.6	44.8	44.8	-70.6	91.	0.0028	0.0030	0.3629	316.0	7.3
10927	213.0	-67.0	45.0	45.0	-71.1	91.	0.0026	0.0028	0.3599	316.0	7.0
10983	211.0	-67.4	45.6	45.6	-71.6	91.	0.0024	0.0026	0.3570	316.0	6.7
11039	209.1	-67.8	47.0	47.0	-72.1	91.	0.0022	0.0024	0.3540	316.0	6.4
11095	207.1	-68.2	47.2	47.2	-72.6	91.	0.0020	0.0022	0.3511	316.0	6.1
11151	205.3	-68.6	47.5	47.5	-73.1	91.	0.0018	0.0020	0.3484	316.0	5.8
11207	203.5	-69.0	47.7	47.7	-73.6	91.	0.0016	0.0018	0.3456	316.0	5.5
11263	201.7	-69.4	47.8	47.8	-74.1	91.	0.0014	0.0016	0.3428	316.0	5.2
11319	199.9	-69.8	48.2	48.2	-74.6	91.	0.0012	0.0014	0.3400	316.0	4.9
11375	198.0	-70.2	48.4	48.4	-75.1	91.	0.0010	0.0012	0.3374	316.0	4.6
11431	196.4	-70.6	49.1	49.1	-75.6	91.	0.0008	0.0010	0.3348	316.0	4.3
11487	194.4	-71.0	49.5	49.5	-76.1	91.	0.0006	0.0008	0.3323	316.0	4.0
11543	192.7	-71.4	50.0	50.0	-76.6	91.	0.0004	0.0006	0.3299	316.0	3.7
11599	191.0	-71.8	50.2	50.2	-77.1	91.	0.0002	0.0004	0.3274	316.0	3.4
11655	189.3	-72.2	50.4	50.4	-77.6	91.	0.0001	0.0002	0.3250	316.0	3.1
11711	187.6	-72.6	50.6	50.6	-78.1	91.	0.0000	0.0001	0.3226	316.0	2.8
11767	185.9	-73.0	50.8	50.8	-78.6	91.	0.0000	0.0000	0.3202	316.0	2.5
11823	184.3	-73.4	51.0	51.0	-79.1	91.	0.0000	0.0000	0.3178	316.0	2.2
11879	182.8	-73.8	51.4	51.4	-79.6	91.	0.0000	0.0000	0.3154	316.0	1.9
11935	181.3	-74.2	51.8	51.8	-80.1	91.	0.0000	0.0000	0.3130	316.0	1.6
11991	179.8	-74.6	52.2	52.2	-80.6	91.	0.0000	0.0000	0.3106	316.0	1.3
12047	178.3	-75.0	52.6	52.6	-81.1	91.	0.0000	0.0000	0.3082	316.0	1.0
12103	176.8	-75.4	53.0	53.0	-81.6	91.	0.0000	0.0000	0.3058	316.0	0.7
12159	175.3	-75.8	53.4	53.4	-82.1	91.	0.0000	0.0000	0.3034	316.0	0.4
12215	173.8	-76.2	53.8	53.8	-82.6	91.	0.0000	0.0000	0.3010	316.0	0.1
12271	172.3	-76.6	54.2	54.2	-83.1	91.	0.0000	0.0000	0.2986	316.0	0.0
12327	170.8	-77.0	54.6	54.6	-83.6	91.	0.0000	0.0000	0.2962	316.0	0.0
12383	169.3	-77.4	55.0	55.0	-84.1	91.	0.0000	0.0000	0.2938	316.0	0.0
12439	167.8	-77.8	55.4	55.4	-84.6	91.	0.0000	0.0000	0.2914	316.0	0.0
12495	166.3	-78.2	55.8	55.8	-85.1	91.	0.0000	0.0000	0.2890	316.0	0.0
12551	164.8	-78.6	56.2	56.2	-85.6	91.	0.0000	0.0000	0.2866	316.0	0.0
12607	163.3	-79.0	56.6	56.6	-86.1	91.	0.0000	0.0000	0.2842	316.0	0.0
12663	161.8	-79.4	57.0	57.0	-86.6	91.	0.0000	0.0000	0.2818	316.0	0.0
12719	160.3	-79.8	57.4	57.4	-87.1	91.	0.0000	0.0000	0.2794	316.0	0.0
12775	158.8	-80.2	57.8	57.8	-87.6	91.	0.0000	0.0000	0.2770	316.0	0.0
12831	157.3	-80.6	58.2	58.2	-88.1	91.	0.0000	0.0000	0.2746	316.0	0.0
12887	155.8	-81.0	58.6	58.6	-88.6	91.	0.0000	0.0000	0.2722	316.0	0.0
12943	154.3	-81.4	59.0	59.0	-89.1	91.	0.0000	0.0000	0.2698	316.0	0.0
12999	152.8	-81.8	59.4	59.4	-89.6	91.	0.0000	0.0000	0.2674	316.0	0.0
13055	151.3	-82.2	59.8	59.8	-90.1	91.	0.0000	0.0000	0.2650	316.0	0.0
13111	149.8	-82.6	60.2	60.2	-90.6	91.	0.0000	0.0000	0.2626	316.0	0.0
13167	148.3	-83.0	60.6	60.6	-91.1	91.	0.0000	0.0000	0.2602	316.0	0.0
13223	146.8	-83.4	61.0	61.0	-91.6	91.	0.0000	0.0000	0.2578	316.0	0.0
13279	145.3	-83.8	61.4	61.4	-92.1	91.	0.0000	0.0000	0.2554	316.0	0.0
13335	143.8	-84.2	61.8	61.8	-92.6	91.	0.0000	0.0000	0.2530	316.0	0.0
13391	142.3	-84.6	62.2	62.2	-93.1	91.	0.0000	0.0000	0.2506	316.0	0.0
13447	140.8	-85.0	62.6	62.6	-93.6	91.	0.0000	0.0000	0.2482	316.0	0.0
13503	139.3	-85.4	63.0	63.0	-94.1	91.	0.0000	0.0000	0.2458	316.0	0.0
13559	137.8	-85.8	63.4	63.4	-94.6	91.	0.0000	0.0000	0.2434	316.0	0.0
13615	136.3	-86.2	63.8	63.8	-95.1	91.	0.0000	0.0000	0.2410	316.0	0.0
13671	134.8	-86.6	64.2	64.2	-95.6	91.	0.0000	0.0000	0.2386	316.0	0.0
13727	133.3	-87.0	64.6	64.6	-96.1	91.	0.0000	0.0000	0.2362	316.0	0.0
13783	131.8	-87.4	65.0	65.0	-96.6	91.	0.0000	0.0000	0.2338	316.0	0.0
13839	130.3	-87.8	65.4	65.4	-97.1	91.	0.0000	0.0000	0.2314	316.0	0.0
13895	128.8	-88.2	65.8	65.8	-97.6	91.	0.0000	0.0000	0.2290	316.0	0.0
13951	127.3	-88.6	66.2	66.2	-98.1	91.	0.0000	0.0000	0.2266	316.0	0.0
14007	125.8	-89.0	66.6	66.6	-98.6	91.	0.0000	0.0000	0.2242	316.0	0.0
14063	124.3	-89.4	67.0	67.0	-99.1	91.	0.0000	0.0000	0.2218	316.0	0.0
14119	122.8	-89.8	67.4	67.4	-99.6	91.	0.0000	0.0000	0.2194	316.0	0.0
14175	121.3	-90.2	67.8	67.8	-100.1	91.</					

HEIGHT (M)	PRES (MM)	T (C)	THETA (C)	THETA V (C)	DEN POINT (C)	RFL HUM (%)	E (M)	1E+3+RHOW (G/M+3)	RHO (KG/M+2)	D1R (DEG)	SPEED (F/5)
14150.	123.6	-67.0	101.4	101.4	-67.6	91.	0.0037	0.0039	0.2089	283.0	43.0
14204.	122.5	-66.8	102.7	102.7	-67.5	91.	0.0038	0.0040	0.2068	283.0	43.1
14259.	121.4	-66.6	104.2	104.3	-67.2	91.	0.0040	0.0042	0.2047	283.0	43.3
14314.	120.3	-66.5	105.6	105.6	-67.0	91.	0.0041	0.0043	0.2026	283.0	43.5
14364.	119.3	-66.4	106.9	106.9	-66.8	91.	0.0042	0.0044	0.2007	283.0	43.7
14415.	118.3	-66.3	107.8	107.8	-66.6	91.	0.0043	0.0045	0.1990	283.0	43.9
14467.	117.3	-65.9	109.1	109.1	-66.4	91.	0.0044	0.0047	0.1972	283.0	44.0
14513.	116.3	-65.7	110.3	110.3	-66.1	91.	0.0045	0.0049	0.1955	283.0	44.3
14566.	115.4	-65.4	111.8	111.8	-66.1	91.	0.0046	0.0051	0.1935	283.0	44.7
14611.	114.5	-65.1	113.2	113.2	-65.8	91.	0.0048	0.0051	0.1917	283.0	44.9
14667.	113.5	-65.0	114.4	114.4	-65.7	91.	0.0049	0.0051	0.1900	283.0	45.2
14715.	112.6	-65.0	115.2	115.3	-65.7	91.	0.0049	0.0051	0.1885	283.0	45.4
14769.	111.6	-64.9	116.4	116.4	-65.6	91.	0.0050	0.0052	0.1867	283.0	45.7
14819.	110.7	-64.7	117.7	117.7	-65.4	91.	0.0051	0.0054	0.1850	283.0	46.0
14874.	109.7	-64.5	119.1	119.1	-65.2	91.	0.0053	0.0055	0.1832	283.0	46.2
14919.	108.9	-64.4	120.1	120.1	-65.1	91.	0.0054	0.0056	0.1817	283.0	46.5
14969.	108.0	-64.2	121.7	121.7	-64.8	91.	0.0055	0.0057	0.1801	283.0	46.6
15026.	107.2	-64.1	123.6	123.6	-64.8	91.	0.0056	0.0058	0.1783	283.0	46.8
15078.	106.3	-64.1	124.6	124.6	-64.8	91.	0.0056	0.0058	0.1768	283.0	47.0
15130.	105.2	-64.1	125.9	125.9	-64.6	91.	0.0057	0.0060	0.1753	283.0	47.2
15182.	104.3	-63.9	127.3	127.3	-64.4	91.	0.0059	0.0061	0.1736	283.0	47.3
15235.	103.4	-63.7	128.6	128.6	-64.3	91.	0.0060	0.0062	0.1720	283.0	47.5
15295.	102.4	-63.6	129.8	129.8	-64.2	91.	0.0061	0.0063	0.1702	283.0	47.6
15349.	101.5	-63.5	131.2	131.2	-64.0	91.	0.0062	0.0065	0.1687	283.0	47.6
15404.	100.6	-63.3	132.5	132.5	-63.9	91.	0.0063	0.0066	0.1670	283.0	47.7
15459.	99.7	-63.2	133.4	133.4	-63.9	91.	0.0063	0.0066	0.1654	283.0	47.7
15508.	98.9	-63.2	134.8	134.8	-63.7	91.	0.0063	0.0066	0.1641	283.0	47.9
15564.	98.0	-63.0	136.1	136.1	-63.6	91.	0.0064	0.0067	0.1625	283.0	48.0
15613.	97.2	-62.8	137.3	137.3	-63.5	91.	0.0066	0.0068	0.1611	283.0	48.1
15672.	96.3	-62.5	138.5	138.5	-63.2	91.	0.0066	0.0068	0.1596	283.0	48.2
15723.	95.5	-62.2	139.5	139.5	-63.2	91.	0.0068	0.0069	0.1582	283.0	48.3
15775.	94.7	-62.2	140.5	140.5	-62.9	91.	0.0070	0.0070	0.1568	283.0	48.3
15827.	93.9	-62.2	142.4	142.4	-62.9	91.	0.0073	0.0073	0.1553	283.0	48.5
15880.	93.1	-62.0	143.9	143.9	-62.7	91.	0.0075	0.0075	0.1538	283.0	48.6
15933.	92.3	-61.8	145.3	145.3	-62.5	91.	0.0077	0.0077	0.1523	283.0	48.8
15987.	91.5	-61.6	146.7	146.7	-62.3	91.	0.0079	0.0079	0.1508	283.0	48.8
16041.	90.7	-61.6	147.8	147.8	-62.3	91.	0.0079	0.0081	0.1494	283.0	48.8
16096.	89.9	-61.6	148.8	148.8	-62.3	91.	0.0081	0.0081	0.1480	283.0	48.7
16151.	89.1	-61.6	150.3	150.3	-61.6	91.	0.0087	0.0089	0.1462	283.0	48.9
16207.	88.3	-61.6	152.6	152.6	-61.0	91.	0.0094	0.0096	0.1445	283.0	48.9
16264.	87.5	-61.6	154.4	154.4	-61.4	91.	0.0094	0.0094	0.1434	283.0	49.0
16321.	86.7	-61.6	154.4	154.4	-61.4	91.	0.0094	0.0094	0.1422	283.0	49.1
16379.	85.9	-61.6	155.3	155.3	-61.4	91.	0.0094	0.0094	0.1409	283.0	49.1
16429.	85.1	-61.6	156.8	156.8	-61.4	91.	0.0094	0.0094	0.1398	283.0	49.3
16486.	84.4	-61.6	158.3	158.3	-61.4	91.	0.0094	0.0094	0.1384	283.0	49.5
16545.	83.7	-61.6	159.8	159.8	-61.4	91.	0.0094	0.0094	0.1372	283.0	49.5
16604.	83.0	-61.6	161.2	161.2	-61.4	91.	0.0094	0.0094	0.1360	283.0	49.8
16664.	82.3	-61.6	162.7	162.7	-61.4	91.	0.0094	0.0094	0.1347	283.0	50.1
16724.	81.6	-61.6	164.4	164.4	-61.4	91.	0.0094	0.0094	0.1334	283.0	50.3
16784.	80.9	-61.6	166.1	166.1	-61.4	91.	0.0094	0.0094	0.1321	283.0	50.6
16844.	80.2	-61.6	167.4	167.4	-61.4	91.	0.0094	0.0094	0.1308	283.0	50.9
16904.	79.5	-61.6	168.8	168.8	-61.4	91.	0.0094	0.0094	0.1297	283.0	51.1
16964.	78.8	-61.6	170.3	170.3	-61.4	91.	0.0094	0.0094	0.1285	283.0	51.4
17024.	78.1	-61.6	171.7	171.7	-61.4	91.	0.0094	0.0094	0.1272	283.0	51.8
17084.	77.4	-61.6	173.2	173.2	-61.4	91.	0.0094	0.0094	0.1259	283.0	52.1
17144.	76.7	-61.6	174.7	174.7	-61.4	91.	0.0094	0.0094	0.1248	283.0	52.5
17204.	76.0	-61.6	176.2	176.2	-61.4	91.	0.0094	0.0094	0.1234	283.0	52.9
17264.	75.3	-61.6	177.7	177.7	-61.4	91.	0.0094	0.0094	0.1221	283.0	53.2
17324.	74.6	-61.6	179.2	179.2	-61.4	91.	0.0094	0.0094	0.1208	283.0	53.6
17384.	73.9	-61.6	180.7	180.7	-61.4	91.	0.0094	0.0094	0.1194	283.0	53.7
17444.	73.2	-61.6	182.2	182.2	-61.4	91.	0.0094	0.0094	0.1178	283.0	53.9
17504.	72.5	-61.6	183.7	183.7	-61.4	91.	0.0094	0.0094	0.1168	283.0	54.1
17564.	71.8	-61.6	185.2	185.2	-61.4	91.	0.0094	0.0094	0.1156	283.0	54.4
17624.	71.1	-61.6	186.7	186.7	-61.4	91.	0.0094	0.0094	0.1144	283.0	54.5
17684.	70.4	-61.6	188.2	188.2	-61.4	91.	0.0094	0.0094	0.1134	283.0	54.7
17744.	69.7	-61.6	189.7	189.7	-61.4	91.	0.0094	0.0094	0.1124	283.0	54.9
17804.	69.0	-61.6	191.2	191.2	-61.4	91.	0.0094	0.0094	0.1113	283.0	55.1
17864.	68.3	-61.6	192.7	192.7	-61.4	91.	0.0094	0.0094	0.1103	283.0	55.4
17924.	67.6	-61.6	194.2	194.2	-61.4	91.	0.0094	0.0094	0.1094	283.0	55.6
17984.	66.9	-61.6	195.7	195.7	-61.4	91.	0.0094	0.0094	0.1084	283.0	55.9
18044.	66.2	-61.6	197.2	197.2	-61.4	91.	0.0094	0.0094	0.1075	283.0	56.1
18104.	65.5	-61.6	198.7	198.7	-61.4	91.	0.0094	0.0094	0.1066	283.0	56.2
18164.	64.8	-61.6	200.2	200.2	-61.4	91.	0.0094	0.0094	0.1058	283.0	56.3
18224.	64.1	-61.6	201.7	201.7	-61.4	91.	0.0094	0.0094	0.1048	283.0	56.3
18284.	63.4	-61.6	203.2	203.2	-61.4	91.	0.0094	0.0094	0.1039	283.0	56.3
18344.	62.7	-61.6	204.7	204.7	-61.4	91.	0.0094	0.0094	0.1028	283.0	56.4
18404.	62.0	-61.6	206.2	206.2	-61.4	91.	0.0094	0.0094	0.1020	283.0	56.4
18464.	61.3	-61.6	207.7	207.7	-61.4	91.	0.0094	0.0094	0.1010	283.0	56.4
18524.	60.6	-61.6	209.2	209.2	-61.4	91.	0.0094	0.0094	0.1002	283.0	56.4
18584.	59.9	-61.6	210.7	210.7	-61.4	91.	0.0094	0.0094	0.0993	283.0	56.4
18644.	59.2	-61.6	212.2	212.2	-61.4	91.	0.0094	0.0094	0.0985	283.0	56.4
18704.	58.5	-61.6	213.7	213.7	-61.4	91.	0.0094	0.0094	0.0975	283.0	56.4
18764.	57.8	-61.6	215.2	215.2	-61.4	91.	0.0094	0.0094	0.0965	283.0	56.4
18824.	57.1	-61.6	216.7	216.7	-61.4	91.	0.0094	0.0094	0.0957	283.0	56.4
18884.	56.4	-61.6	218.2	218.2	-61.4	91.	0.0094	0.0094	0.0949	283.0	56.4
18944.	55.7	-61.6	219.7	219.7	-61.4	91.	0.0094	0.0094	0.0940	283.0	56.4
19004.	55.0	-61.6	221.2	221.2	-61.4	91.	0.0094	0.0094	0.0931	283.0	56.4
19064.	54.3	-61.6	222.7	222.7	-61.4	91.	0.0094	0.0094	0.0922	283.0	56.4
19124.	53.6	-61.6	224.2	224.2	-61.4	91.	0.0094	0.0094	0.0913	283.0	56.4
19184.	52.9	-61.6	225.7	225.7	-61.4	91.	0.0094	0.0094	0.0905	283.0	56.4
19244.	52.2	-61.6	227.2	227.2	-61.4	91.	0.0094	0.0094	0.0897	283.0	56.4
19304.	51.5	-61.6	228.7	228.7	-61.4	91.	0.0094	0.0094	0.0889	283.0	56.4
19364.	50.8	-61.6	230.2	230.2	-61.4	91.	0.0094	0.0094	0.0882	283.0	56.4
19424.	50.1	-61.6	231.7	231.7	-61.4	91.	0.0094	0.0094	0.0874	283.0	56.4
19484.	49.4	-61.6	233.2	233.2	-61.4	91.	0.0094	0.0094	0.0865	283.0	56.4
19544.	48.7	-61.6	234.7	234.7	-61.4	91.	0.0094	0.0094	0.0856	283.0	56.4
19604.	48.0	-61.6	236.2	236.2	-61.4	91.	0.0094	0.0094	0.0848	283.0	56.4
19664.	47.3	-61.6	237.7	237.7	-61.4	91.	0.0094	0.0094	0.0841	283.0	56.4
19724.	46.6	-61.6	239.2	239.2	-61.4	91.	0.0094	0.0094	0.0833	283.0	56.4
19784.	45.9	-61.6	240.7	240.7	-61.4	91.	0.0094	0.0094	0.0827	283.0	56.4
19844.	45.2	-61.6	242.2	242.2	-61.4	91.	0.0094	0.009			

SOUNDING 19.2
 LATITUDE -59.9 LONGITUDE 3.5
 DATE 10-24-81 TIME 2338 GMT
 NUMBER OF LEVELS 47

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RH0W (G/M**3)	RH0 (KG/M**3)	DIR (DEG)	SPEED (M/S)
0.	969.5	0.7	2.4	3.1	-7.6	96.	5.8914	4.6831	1.2411	350.0	11.0
51.	963.3	-0.1	2.7	3.4	-7.7	96.	5.7451	4.6995	1.2340	350.0	10.9
106.	956.7	-0.6	2.9	3.5	-7.8	96.	5.6075	4.6661	1.2273	345.0	13.0
161.	950.2	-1.1	3.2	3.8	-7.9	96.	5.4748	4.6267	1.2206	341.0	14.7
216.	944.3	-1.6	3.4	3.9	-8.0	96.	5.3421	4.5936	1.2139	337.0	16.0
266.	937.7	-2.1	3.4	3.9	-8.1	96.	5.2174	4.5622	1.2075	337.0	16.9
318.	931.5	-2.6	3.4	4.0	-8.2	96.	5.0941	4.5315	1.2013	336.3	17.6
374.	925.0	-3.1	3.7	4.2	-8.3	96.	4.9714	4.5009	1.1940	335.0	18.2
429.	918.7	-3.6	3.9	4.3	-8.4	96.	4.8491	4.4706	1.1871	334.0	18.4
483.	912.4	-4.1	4.0	4.5	-8.5	96.	4.7261	4.4403	1.1802	333.0	18.3
537.	906.2	-4.6	4.3	4.6	-8.6	96.	4.6034	4.4100	1.1732	333.0	18.4
593.	900.0	-5.1	4.5	4.8	-8.7	96.	4.4807	4.3797	1.1663	333.0	18.2
653.	893.8	-5.6	4.8	5.0	-8.8	96.	4.3580	4.3494	1.1592	332.0	18.1
707.	887.4	-6.1	5.0	5.3	-8.9	96.	4.2353	4.3191	1.1522	332.0	17.9
757.	881.1	-6.6	5.3	5.6	-9.0	96.	4.1126	4.2888	1.1451	332.0	17.8
812.	874.8	-7.1	5.6	5.9	-9.1	96.	3.9899	4.2585	1.1380	332.0	17.6
866.	868.4	-7.6	5.9	6.2	-9.2	96.	3.8672	4.2282	1.1310	332.0	17.3
918.	862.1	-8.1	6.2	6.5	-9.3	96.	3.7445	4.1979	1.1240	331.0	16.6
973.	855.7	-8.6	6.5	6.8	-9.4	96.	3.6218	4.1676	1.1169	331.0	16.2
1034.	849.5	-9.1	6.8	7.1	-9.5	96.	3.4991	4.1373	1.1098	331.0	16.1
1089.	843.2	-9.6	7.1	7.4	-9.6	96.	3.3764	4.1070	1.1027	331.0	16.0
1149.	837.0	-10.1	7.4	7.7	-9.7	96.	3.2537	4.0767	1.0956	331.0	15.9
1211.	830.8	-10.6	7.7	8.0	-9.8	96.	3.1310	4.0464	1.0885	331.0	15.7
1271.	824.6	-11.1	8.0	8.3	-9.9	96.	3.0083	4.0161	1.0814	331.0	15.7
1332.	818.4	-11.6	8.3	8.6	-10.0	96.	2.8856	3.9858	1.0743	332.0	15.5
1392.	812.2	-12.1	8.6	8.9	-10.1	96.	2.7629	3.9555	1.0672	332.0	15.6
1452.	806.0	-12.6	8.9	9.2	-10.2	96.	2.6402	3.9252	1.0601	333.0	15.6
1511.	800.0	-13.1	9.2	9.5	-10.3	96.	2.5175	3.8949	1.0530	333.0	15.6
1573.	793.8	-13.6	9.5	9.8	-10.4	96.	2.3948	3.8646	1.0459	333.0	15.6
1624.	787.6	-14.1	9.8	10.1	-10.5	96.	2.2721	3.8343	1.0388	333.0	15.6
1677.	781.4	-14.6	10.1	10.4	-10.6	96.	2.1494	3.8040	1.0317	333.0	15.6
1847.	751.3	-15.6	11.2	11.5	-10.7	96.	1.9017	3.7437	1.0164	333.0	15.6
2017.	734.9	-16.6	12.3	12.6	-10.8	96.	1.7540	3.7134	1.0093	333.0	15.6
2171.	718.8	-17.6	13.4	13.7	-10.9	96.	1.6063	3.6831	1.0022	333.0	15.6
2342.	702.4	-18.6	14.5	14.8	-11.0	96.	1.4586	3.6528	0.9951	333.0	15.6
2511.	687.5	-19.6	15.6	15.9	-11.1	96.	1.3109	3.6225	0.9880	333.0	15.6
2683.	672.1	-20.6	16.7	17.0	-11.2	96.	1.1632	3.5922	0.9809	333.0	15.6
2856.	656.9	-21.6	17.8	18.1	-11.3	96.	1.0155	3.5619	0.9738	333.0	15.6
3029.	642.3	-22.6	18.9	19.2	-11.4	96.	0.8678	3.5316	0.9667	333.0	15.6
3199.	628.4	-23.6	19.9	19.3	-11.5	96.	0.7201	3.5013	0.9596	333.0	15.6
3368.	614.4	-24.6	20.0	19.4	-11.6	96.	0.5724	3.4710	0.9525	333.0	15.6
3538.	600.4	-25.6	20.1	19.5	-11.7	96.	0.4247	3.4407	0.9454	333.0	15.6
3707.	586.4	-26.6	20.2	19.6	-11.8	96.	0.2770	3.4104	0.9383	333.0	15.6
3877.	572.4	-27.6	20.3	19.7	-11.9	96.	0.1293	3.3801	0.9312	333.0	15.6
4029.	558.4	-28.6	20.4	19.8	-12.0	96.	0.0816	3.3498	0.9241	333.0	15.6
4192.	544.4	-29.6	20.5	19.9	-12.1	96.	0.0339	3.3195	0.9170	333.0	15.6
4355.	530.4	-30.6	20.6	20.0	-12.2	96.	0.0012	3.2892	0.9099	333.0	15.6
4528.	516.4	-31.6	20.7	20.1	-12.3	96.	0.0000	3.2589	0.9028	333.0	15.6
4704.	502.4	-32.6	20.8	20.2	-12.4	96.	0.0000	3.2286	0.8957	333.0	15.6
4881.	488.4	-33.6	20.9	20.3	-12.5	96.	0.0000	3.1983	0.8886	333.0	15.6
5063.	474.4	-34.6	21.0	20.4	-12.6	96.	0.0000	3.1680	0.8815	333.0	15.6
5236.	460.4	-35.6	21.1	20.5	-12.7	96.	0.0000	3.1377	0.8744	333.0	15.6
5415.	446.4	-36.6	21.2	20.6	-12.8	96.	0.0000	3.1074	0.8673	333.0	15.6
5591.	432.4	-37.6	21.3	20.7	-12.9	96.	0.0000	3.0771	0.8602	333.0	15.6
5773.	418.4	-38.6	21.4	20.8	-13.0	96.	0.0000	3.0468	0.8531	333.0	15.6
5953.	404.4	-39.6	21.5	20.9	-13.1	96.	0.0000	3.0165	0.8460	333.0	15.6
6133.	390.4	-40.6	21.6	21.0	-13.2	96.	0.0000	2.9862	0.8389	333.0	15.6
6313.	376.4	-41.6	21.7	21.1	-13.3	96.	0.0000	2.9559	0.8318	333.0	15.6
6493.	362.4	-42.6	21.8	21.2	-13.4	96.	0.0000	2.9256	0.8247	333.0	15.6
6673.	348.4	-43.6	21.9	21.3	-13.5	96.	0.0000	2.8953	0.8176	333.0	15.6
6853.	334.4	-44.6	22.0	21.4	-13.6	96.	0.0000	2.8650	0.8105	333.0	15.6
7033.	320.4	-45.6	22.1	21.5	-13.7	96.	0.0000	2.8347	0.8034	333.0	15.6
7213.	306.4	-46.6	22.2	21.6	-13.8	96.	0.0000	2.8044	0.7963	333.0	15.6
7393.	292.4	-47.6	22.3	21.7	-13.9	96.	0.0000	2.7741	0.7892	333.0	15.6
7573.	278.4	-48.6	22.4	21.8	-14.0	96.	0.0000	2.7438	0.7821	333.0	15.6
7753.	264.4	-49.6	22.5	21.9	-14.1	96.	0.0000	2.7135	0.7750	333.0	15.6
7933.	250.4	-50.6	22.6	22.0	-14.2	96.	0.0000	2.6832	0.7679	333.0	15.6
8113.	236.4	-51.6	22.7	22.1	-14.3	96.	0.0000	2.6529	0.7608	333.0	15.6
8293.	222.4	-52.6	22.8	22.2	-14.4	96.	0.0000	2.6226	0.7537	333.0	15.6
8473.	208.4	-53.6	22.9	22.3	-14.5	96.	0.0000	2.5923	0.7466	333.0	15.6
8653.	194.4	-54.6	23.0	22.4	-14.6	96.	0.0000	2.5620	0.7395	333.0	15.6
8833.	180.4	-55.6	23.1	22.5	-14.7	96.	0.0000	2.5317	0.7324	333.0	15.6
9013.	166.4	-56.6	23.2	22.6	-14.8	96.	0.0000	2.5014	0.7253	333.0	15.6
9193.	152.4	-57.6	23.3	22.7	-14.9	96.	0.0000	2.4711	0.7182	333.0	15.6
9373.	138.4	-58.6	23.4	22.8	-15.0	96.	0.0000	2.4408	0.7111	333.0	15.6
9553.	124.4	-59.6	23.5	22.9	-15.1	96.	0.0000	2.4105	0.7040	333.0	15.6
9733.	110.4	-60.6	23.6	23.0	-15.2	96.	0.0000	2.3802	0.6969	333.0	15.6
9913.	96.4	-61.6	23.7	23.1	-15.3	96.	0.0000	2.3499	0.6898	333.0	15.6
10093.	82.4	-62.6	23.8	23.2	-15.4	96.	0.0000	2.3196	0.6827	333.0	15.6
10273.	68.4	-63.6	23.9	23.3	-15.5	96.	0.0000	2.2893	0.6756	333.0	15.6
10453.	54.4	-64.6	24.0	23.4	-15.6	96.	0.0000	2.2590	0.6685	333.0	15.6
10633.	40.4	-65.6	24.1	23.5	-15.7	96.	0.0000	2.2287	0.6614	333.0	15.6
10813.	26.4	-66.6	24.2	23.6	-15.8	96.	0.0000	2.1984	0.6543	333.0	15.6
10993.	12.4	-67.6	24.3	23.7	-15.9	96.	0.0000	2.1681	0.6472	333.0	15.6
11173.	0.0	-68.6	24.4	23.8	-16.0	96.	0.0000	2.1378	0.6401	333.0	15.6

SOUNDING 20.0
 LATITUDE -60.2 LONGITUDE 3.7
 DATE 10-25-81 TIME 1150 GMT
 NUMBER OF LEVELS 340

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RH0W (G/M**3)	RH0 (KG/M**3)	DIR (DEG)	SPEED (M/S)
0.	965.1	0.7	3.5	4.2	0.1	96.	6.1977	4.9139	1.2326	50.0	9.0
54.	958.6	-0.1	3.4	4.1	-0.5	96.	5.9341	4.7153	1.2268	51.0	8.0
109.	952.0	-0.4	3.5	4.1	-0.9	96.	5.7009	4.5371	1.2204	37.0	9.6
165.	945.4	-0.8	3.6	4.2	-1.3	96.	5.5151	4.3957	1.2136	27.0	10.6
224.	938.4	-1.2	3.8	4.4	-1.7	96.	5.3349	4.2583	1.2063	20.0	11.7
282.	931.6	-1.5	4.1	4.6	-2.0	96.	5.2033	4.1578	1.1988	15.0	12.5

HEIGHT (M)	PRES (hPa)	T (C)	WIND (C)	WIND DIR (C)	SEA STATE (C)	REL HUM (%)	L (m)	IL+A+RHQ (G/M+H+X)	RHO (G/M+H+X)	DIR (C/G)	SPEED (K/T)
339.	928.0	-1.7	4.4	5.5	-	96.	1.1171	4.0920	1.1912	11.6	13.1
336.	918.0	-1.7	4.4	5.5	-	96.	1.0774	4.0694	1.1830	11.6	13.1
333.	908.0	-1.7	4.4	5.5	-	96.	1.0377	4.0468	1.1748	11.6	13.1
330.	898.0	-1.7	4.4	5.5	-	96.	0.9980	4.0242	1.1666	11.6	13.1
327.	888.0	-1.7	4.4	5.5	-	96.	0.9583	4.0016	1.1584	11.6	13.1
324.	878.0	-1.7	4.4	5.5	-	96.	0.9186	3.9790	1.1502	11.6	13.1
321.	868.0	-1.7	4.4	5.5	-	96.	0.8789	3.9564	1.1420	11.6	13.1
318.	858.0	-1.7	4.4	5.5	-	96.	0.8392	3.9338	1.1338	11.6	13.1
315.	848.0	-1.7	4.4	5.5	-	96.	0.7995	3.9112	1.1256	11.6	13.1
312.	838.0	-1.7	4.4	5.5	-	96.	0.7598	3.8886	1.1174	11.6	13.1
309.	828.0	-1.7	4.4	5.5	-	96.	0.7201	3.8660	1.1092	11.6	13.1
306.	818.0	-1.7	4.4	5.5	-	96.	0.6804	3.8434	1.1010	11.6	13.1
303.	808.0	-1.7	4.4	5.5	-	96.	0.6407	3.8208	1.0928	11.6	13.1
300.	798.0	-1.7	4.4	5.5	-	96.	0.6010	3.7982	1.0846	11.6	13.1
297.	788.0	-1.7	4.4	5.5	-	96.	0.5613	3.7756	1.0764	11.6	13.1
294.	778.0	-1.7	4.4	5.5	-	96.	0.5216	3.7530	1.0682	11.6	13.1
291.	768.0	-1.7	4.4	5.5	-	96.	0.4819	3.7304	1.0600	11.6	13.1
288.	758.0	-1.7	4.4	5.5	-	96.	0.4422	3.7078	1.0518	11.6	13.1
285.	748.0	-1.7	4.4	5.5	-	96.	0.4025	3.6852	1.0436	11.6	13.1
282.	738.0	-1.7	4.4	5.5	-	96.	0.3628	3.6626	1.0354	11.6	13.1
279.	728.0	-1.7	4.4	5.5	-	96.	0.3231	3.6400	1.0272	11.6	13.1
276.	718.0	-1.7	4.4	5.5	-	96.	0.2834	3.6174	1.0190	11.6	13.1
273.	708.0	-1.7	4.4	5.5	-	96.	0.2437	3.5948	1.0108	11.6	13.1
270.	698.0	-1.7	4.4	5.5	-	96.	0.2040	3.5722	1.0026	11.6	13.1
267.	688.0	-1.7	4.4	5.5	-	96.	0.1643	3.5496	0.9944	11.6	13.1
264.	678.0	-1.7	4.4	5.5	-	96.	0.1246	3.5270	0.9862	11.6	13.1
261.	668.0	-1.7	4.4	5.5	-	96.	0.0849	3.5044	0.9780	11.6	13.1
258.	658.0	-1.7	4.4	5.5	-	96.	0.0452	3.4818	0.9698	11.6	13.1
255.	648.0	-1.7	4.4	5.5	-	96.	0.0055	3.4592	0.9616	11.6	13.1
252.	638.0	-1.7	4.4	5.5	-	96.	-0.0342	3.4366	0.9534	11.6	13.1
249.	628.0	-1.7	4.4	5.5	-	96.	-0.0739	3.4140	0.9452	11.6	13.1
246.	618.0	-1.7	4.4	5.5	-	96.	-0.1136	3.3914	0.9370	11.6	13.1
243.	608.0	-1.7	4.4	5.5	-	96.	-0.1533	3.3688	0.9288	11.6	13.1
240.	598.0	-1.7	4.4	5.5	-	96.	-0.1930	3.3462	0.9206	11.6	13.1
237.	588.0	-1.7	4.4	5.5	-	96.	-0.2327	3.3236	0.9124	11.6	13.1
234.	578.0	-1.7	4.4	5.5	-	96.	-0.2724	3.3010	0.9042	11.6	13.1
231.	568.0	-1.7	4.4	5.5	-	96.	-0.3121	3.2784	0.8960	11.6	13.1
228.	558.0	-1.7	4.4	5.5	-	96.	-0.3518	3.2558	0.8878	11.6	13.1
225.	548.0	-1.7	4.4	5.5	-	96.	-0.3915	3.2332	0.8796	11.6	13.1
222.	538.0	-1.7	4.4	5.5	-	96.	-0.4312	3.2106	0.8714	11.6	13.1
219.	528.0	-1.7	4.4	5.5	-	96.	-0.4709	3.1880	0.8632	11.6	13.1
216.	518.0	-1.7	4.4	5.5	-	96.	-0.5106	3.1654	0.8550	11.6	13.1
213.	508.0	-1.7	4.4	5.5	-	96.	-0.5503	3.1428	0.8468	11.6	13.1
210.	498.0	-1.7	4.4	5.5	-	96.	-0.5900	3.1202	0.8386	11.6	13.1
207.	488.0	-1.7	4.4	5.5	-	96.	-0.6297	3.0976	0.8304	11.6	13.1
204.	478.0	-1.7	4.4	5.5	-	96.	-0.6694	3.0750	0.8222	11.6	13.1
201.	468.0	-1.7	4.4	5.5	-	96.	-0.7091	3.0524	0.8140	11.6	13.1
198.	458.0	-1.7	4.4	5.5	-	96.	-0.7488	3.0298	0.8058	11.6	13.1
195.	448.0	-1.7	4.4	5.5	-	96.	-0.7885	3.0072	0.7976	11.6	13.1
192.	438.0	-1.7	4.4	5.5	-	96.	-0.8282	2.9846	0.7894	11.6	13.1
189.	428.0	-1.7	4.4	5.5	-	96.	-0.8679	2.9620	0.7812	11.6	13.1
186.	418.0	-1.7	4.4	5.5	-	96.	-0.9076	2.9394	0.7730	11.6	13.1
183.	408.0	-1.7	4.4	5.5	-	96.	-0.9473	2.9168	0.7648	11.6	13.1
180.	398.0	-1.7	4.4	5.5	-	96.	-0.9870	2.8942	0.7566	11.6	13.1
177.	388.0	-1.7	4.4	5.5	-	96.	-1.0267	2.8716	0.7484	11.6	13.1
174.	378.0	-1.7	4.4	5.5	-	96.	-1.0664	2.8490	0.7402	11.6	13.1
171.	368.0	-1.7	4.4	5.5	-	96.	-1.1061	2.8264	0.7320	11.6	13.1
168.	358.0	-1.7	4.4	5.5	-	96.	-1.1458	2.8038	0.7238	11.6	13.1
165.	348.0	-1.7	4.4	5.5	-	96.	-1.1855	2.7812	0.7156	11.6	13.1
162.	338.0	-1.7	4.4	5.5	-	96.	-1.2252	2.7586	0.7074	11.6	13.1
159.	328.0	-1.7	4.4	5.5	-	96.	-1.2649	2.7360	0.6992	11.6	13.1
156.	318.0	-1.7	4.4	5.5	-	96.	-1.3046	2.7134	0.6910	11.6	13.1
153.	308.0	-1.7	4.4	5.5	-	96.	-1.3443	2.6908	0.6828	11.6	13.1
150.	298.0	-1.7	4.4	5.5	-	96.	-1.3840	2.6682	0.6746	11.6	13.1
147.	288.0	-1.7	4.4	5.5	-	96.	-1.4237	2.6456	0.6664	11.6	13.1
144.	278.0	-1.7	4.4	5.5	-	96.	-1.4634	2.6230	0.6582	11.6	13.1
141.	268.0	-1.7	4.4	5.5	-	96.	-1.5031	2.6004	0.6500	11.6	13.1
138.	258.0	-1.7	4.4	5.5	-	96.	-1.5428	2.5778	0.6418	11.6	13.1
135.	248.0	-1.7	4.4	5.5	-	96.	-1.5825	2.5552	0.6336	11.6	13.1
132.	238.0	-1.7	4.4	5.5	-	96.	-1.6222	2.5326	0.6254	11.6	13.1
129.	228.0	-1.7	4.4	5.5	-	96.	-1.6619	2.5100	0.6172	11.6	13.1
126.	218.0	-1.7	4.4	5.5	-	96.	-1.7016	2.4874	0.6090	11.6	13.1
123.	208.0	-1.7	4.4	5.5	-	96.	-1.7413	2.4648	0.6008	11.6	13.1
120.	198.0	-1.7	4.4	5.5	-	96.	-1.7810	2.4422	0.5926	11.6	13.1
117.	188.0	-1.7	4.4	5.5	-	96.	-1.8207	2.4196	0.5844	11.6	13.1
114.	178.0	-1.7	4.4	5.5	-	96.	-1.8604	2.3970	0.5762	11.6	13.1
111.	168.0	-1.7	4.4	5.5	-	96.	-1.9001	2.3744	0.5680	11.6	13.1
108.	158.0	-1.7	4.4	5.5	-	96.	-1.9398	2.3518	0.5598	11.6	13.1
105.	148.0	-1.7	4.4	5.5	-	96.	-1.9795	2.3292	0.5516	11.6	13.1
102.	138.0	-1.7	4.4	5.5	-	96.	-2.0192	2.3066	0.5434	11.6	13.1
99.	128.0	-1.7	4.4	5.5	-	96.	-2.0589	2.2840	0.5352	11.6	13.1
96.	118.0	-1.7	4.4	5.5	-	96.	-2.0986	2.2614	0.5270	11.6	13.1
93.	108.0	-1.7	4.4	5.5	-	96.	-2.1383	2.2388	0.5188	11.6	13.1
90.	98.0	-1.7	4.4	5.5	-	96.	-2.1780	2.2162	0.5106	11.6	13.1
87.	88.0	-1.7	4.4	5.5	-	96.	-2.2177	2.1936	0.5024	11.6	13.1
84.	78.0	-1.7	4.4	5.5	-	96.	-2.2574	2.1710	0.4942	11.6	13.1
81.	68.0	-1.7	4.4	5.5	-	96.	-2.2971	2.1484	0.4860	11.6	13.1
78.	58.0	-1.7	4.4	5.5	-	96.	-2.3368	2.1258	0.4778	11.6	13.1
75.	48.0	-1.7	4.4	5.5	-	96.	-2.3765	2.1032	0.4696	11.6	13.1
72.	38.0	-1.7	4.4	5.5	-	96.	-2.4162	2.0806	0.4614	11.6	13.1
69.	28.0	-1.7	4.4	5.5	-	96.	-2.4559	2.0580	0.4532	11.6	13.1
66.	18.0	-1.7	4.4	5.5	-	96.	-2.4956	2.0354	0.4450	11.6	13.1
63.	8.0	-1.7	4.4	5.5	-	96.	-2.5353	2.0128	0.4368	11.6	13.1
60.	-2.0	-1.7	4.4	5.5	-	96.	-2.5750	1.9902	0.4286	11.6	13.1
57.	-12.0	-1.7	4.4	5.5	-	96.	-2.6147	1.9676	0.4204	11.6	13.1
54.	-22.0	-1.7	4.4	5.5	-	96.	-2.6544	1.9450	0.4122	11.6	13.1
51.	-32.0	-1.7	4.4	5.5	-	96.	-2.6941	1.9224	0.4040	11.6	13.1
48.	-42.0	-1.7	4.4	5.5	-	96.	-2.7338	1.9000	0.3958	11.6	13.1
45.	-52.0	-1.7	4.4	5.5	-	96.	-2.7735	1.8774	0.3876	11.6	13.1
42.	-62.0	-1.7	4.4	5.5	-	96.	-2.8132	1.8548	0.3794	11.6	13.1
39.	-72.0	-1.7	4.4	5.5	-	96.	-2.8529	1.8322	0.3712	11.6	13.1
36.	-82.0	-1.7	4.4	5.5	-	96.	-2.8926	1.8096	0.3630	11.6	13.1
33.	-92.0	-1.7	4.4	5.5	-	96.	-2.9323	1.7870	0.3548	11.6	13.1
30.	-102.0	-1.7	4.4	5.5	-	96.	-2.9720	1.7644	0.3466	11.6	13.1
27.	-112.0	-1.7	4.4	5.5	-	96.	-3.0117	1.7418	0.3384	11.6	13.1
24.	-122.0	-1.7	4.4	5.5	-	96.	-3.0514	1.7192	0.3302	11.6	13.1
21.	-132.0	-1.7	4.4	5.5	-	96.	-3.0911	1.6966	0.3220	11.6	13.1
18.	-142.0	-1.7	4.4	5.5	-	96.	-3.1308	1.6740	0.3138	11.6	13.1
15.	-152.0	-1.7	4.4	5.5	-	96.	-3.1705	1.6514	0.3056	11.6	13.1
12.	-162.0	-1.7	4.4	5.5	-	96.	-3.2102	1.6288	0.2974	11.6	13.1
9.	-172.0	-1.7	4.4	5.5	-	96.	-3.2499	1.6062	0.2892	11.6	13.1
6.	-182.0	-1.7	4.4	5.5	-	96.</					

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DIR POINT (C)	REL HUM (%)	L (M)	LE+3+RHO V (G/M+3)	RHO (KG/M+3)	DIR (DEG)	SPEED (M/S)
6346.	417.1	-35.2	32.3	32.4	-35.6	96.	0.2105	0.1920	0.6108	335.0	17.8
6398.	414.0	-35.6	32.4	32.5	-36.0	96.	0.2015	0.1841	0.6073	335.0	18.0
6451.	410.8	-36.0	32.6	32.7	-36.4	96.	0.1929	0.1765	0.6036	334.0	18.2
6506.	407.6	-36.4	32.8	32.8	-36.8	96.	0.1846	0.1692	0.5999	333.0	18.4
6558.	404.5	-36.8	33.0	33.0	-37.2	96.	0.1766	0.1620	0.5966	333.0	18.6
6610.	401.5	-37.2	33.2	33.1	-37.6	96.	0.1684	0.1547	0.5934	333.0	18.8
6663.	398.6	-37.6	33.4	33.0	-38.0	96.	0.1602	0.1469	0.5901	332.0	19.1
6712.	395.6	-38.0	33.6	33.1	-38.4	96.	0.1521	0.1398	0.5867	332.0	19.5
6762.	392.7	-38.4	33.8	33.2	-38.8	96.	0.1441	0.1339	0.5834	332.0	19.7
6811.	389.9	-38.8	34.0	33.3	-39.2	96.	0.1361	0.1285	0.5807	331.0	20.1
6864.	386.9	-39.2	34.2	33.5	-39.6	96.	0.1281	0.1239	0.5775	331.0	20.4
6919.	383.8	-39.6	34.4	33.7	-40.0	96.	0.1201	0.1199	0.5741	331.0	20.9
6976.	380.6	-40.0	34.6	33.9	-40.4	96.	0.1121	0.1166	0.5707	331.0	21.3
7033.	377.4	-40.4	34.8	34.1	-40.8	96.	0.1041	0.1133	0.5672	330.0	21.6
7089.	374.3	-40.8	35.0	34.3	-41.2	96.	0.1061	0.1105	0.5635	330.0	21.9
7145.	371.2	-41.2	35.2	34.5	-41.6	96.	0.1081	0.1077	0.5598	331.0	22.3
7202.	368.1	-41.6	35.4	34.7	-42.0	96.	0.1101	0.1054	0.5565	331.0	22.6
7259.	365.0	-42.0	35.6	34.9	-42.4	96.	0.1121	0.1031	0.5532	331.0	22.9
7316.	361.9	-42.4	35.8	35.1	-42.8	96.	0.1141	0.1008	0.5500	331.0	23.3
7373.	358.8	-42.8	36.0	35.3	-43.2	96.	0.1161	0.0985	0.5467	331.0	23.6
7430.	355.7	-43.2	36.2	35.5	-43.6	96.	0.1181	0.0962	0.5435	331.0	23.9
7487.	352.6	-43.6	36.4	35.7	-44.0	96.	0.1201	0.0939	0.5402	331.0	24.3
7544.	349.5	-44.0	36.6	35.9	-44.4	96.	0.1221	0.0916	0.5370	331.0	24.6
7601.	346.4	-44.4	36.8	36.1	-44.8	96.	0.1241	0.0893	0.5337	331.0	25.0
7658.	343.3	-44.8	37.0	36.3	-45.2	96.	0.1261	0.0870	0.5305	331.0	25.3
7715.	340.2	-45.2	37.2	36.5	-45.6	96.	0.1281	0.0847	0.5272	331.0	25.7
7772.	337.1	-45.6	37.4	36.7	-46.0	96.	0.1301	0.0824	0.5240	331.0	26.0
7829.	334.0	-46.0	37.6	36.9	-46.4	96.	0.1321	0.0801	0.5207	331.0	26.4
7886.	330.9	-46.4	37.8	37.1	-46.8	96.	0.1341	0.0778	0.5175	331.0	26.7
7943.	327.8	-46.8	38.0	37.3	-47.2	96.	0.1361	0.0755	0.5142	331.0	27.1
8000.	324.7	-47.2	38.2	37.5	-47.6	96.	0.1381	0.0732	0.5110	331.0	27.4
8057.	321.6	-47.6	38.4	37.7	-48.0	96.	0.1401	0.0709	0.5077	331.0	27.8
8114.	318.5	-48.0	38.6	37.9	-48.4	96.	0.1421	0.0686	0.5045	331.0	28.1
8171.	315.4	-48.4	38.8	38.1	-48.8	96.	0.1441	0.0663	0.5012	331.0	28.5
8228.	312.3	-48.8	39.0	38.3	-49.2	96.	0.1461	0.0640	0.4980	331.0	28.8
8285.	309.2	-49.2	39.2	38.5	-49.6	96.	0.1481	0.0617	0.4947	331.0	29.2
8342.	306.1	-49.6	39.4	38.7	-50.0	96.	0.1501	0.0594	0.4915	331.0	29.5
8399.	303.0	-50.0	39.6	38.9	-50.4	96.	0.1521	0.0571	0.4882	331.0	29.9
8456.	300.0	-50.4	39.8	39.1	-50.8	96.	0.1541	0.0548	0.4850	331.0	30.2
8513.	296.9	-50.8	40.0	39.3	-51.2	96.	0.1561	0.0525	0.4817	331.0	30.6
8570.	293.8	-51.2	40.2	39.5	-51.6	96.	0.1581	0.0502	0.4785	331.0	30.9
8627.	290.7	-51.6	40.4	39.7	-52.0	96.	0.1601	0.0479	0.4752	331.0	31.3
8684.	287.6	-52.0	40.6	39.9	-52.4	96.	0.1621	0.0456	0.4720	331.0	31.6
8741.	284.5	-52.4	40.8	40.1	-52.8	96.	0.1641	0.0433	0.4687	331.0	31.9
8798.	281.4	-52.8	41.0	40.3	-53.2	96.	0.1661	0.0410	0.4655	331.0	32.3
8855.	278.3	-53.2	41.2	40.5	-53.6	96.	0.1681	0.0387	0.4622	331.0	32.6
8912.	275.2	-53.6	41.4	40.7	-54.0	96.	0.1701	0.0364	0.4590	331.0	32.9
8969.	272.1	-54.0	41.6	40.9	-54.4	96.	0.1721	0.0341	0.4557	331.0	33.3
9026.	269.0	-54.4	41.8	41.1	-54.8	96.	0.1741	0.0318	0.4525	331.0	33.6
9083.	265.9	-54.8	42.0	41.3	-55.2	96.	0.1761	0.0295	0.4492	331.0	33.9
9140.	262.8	-55.2	42.2	41.5	-55.6	96.	0.1781	0.0272	0.4460	331.0	34.3
9197.	259.7	-55.6	42.4	41.7	-56.0	96.	0.1801	0.0249	0.4427	331.0	34.6
9254.	256.6	-56.0	42.6	41.9	-56.4	96.	0.1821	0.0226	0.4395	331.0	34.9
9311.	253.5	-56.4	42.8	42.1	-56.8	96.	0.1841	0.0203	0.4362	331.0	35.3
9368.	250.4	-56.8	43.0	42.3	-57.2	96.	0.1861	0.0180	0.4330	331.0	35.6
9425.	247.3	-57.2	43.2	42.5	-57.6	96.	0.1881	0.0157	0.4297	331.0	35.9
9482.	244.2	-57.6	43.4	42.7	-58.0	96.	0.1901	0.0134	0.4265	331.0	36.3
9539.	241.1	-58.0	43.6	42.9	-58.4	96.	0.1921	0.0111	0.4232	331.0	36.6
9596.	238.0	-58.4	43.8	43.1	-58.8	96.	0.1941	0.0088	0.4200	331.0	36.9
9653.	234.9	-58.8	44.0	43.3	-59.2	96.	0.1961	0.0065	0.4167	331.0	37.3
9710.	231.8	-59.2	44.2	43.5	-59.6	96.	0.1981	0.0042	0.4135	331.0	37.6
9767.	228.7	-59.6	44.4	43.7	-60.0	96.	0.2001	0.0019	0.4102	331.0	37.9
9824.	225.6	-60.0	44.6	43.9	-60.4	96.	0.2021	0.0000	0.4070	331.0	38.3
9881.	222.5	-60.4	44.8	44.1	-60.8	96.	0.2041	0.0000	0.4037	331.0	38.6
9938.	219.4	-60.8	45.0	44.3	-61.2	96.	0.2061	0.0000	0.4005	331.0	38.9
10000.	216.3	-61.2	45.2	44.5	-61.6	96.	0.2081	0.0000	0.3972	331.0	39.3
10057.	213.2	-61.6	45.4	44.7	-62.0	96.	0.2101	0.0000	0.3940	331.0	39.6
10114.	210.1	-62.0	45.6	44.9	-62.4	96.	0.2121	0.0000	0.3907	331.0	39.9
10171.	207.0	-62.4	45.8	45.1	-62.8	96.	0.2141	0.0000	0.3875	331.0	40.3
10228.	203.9	-62.8	46.0	45.3	-63.2	96.	0.2161	0.0000	0.3842	331.0	40.6
10285.	200.8	-63.2	46.2	45.5	-63.6	96.	0.2181	0.0000	0.3810	331.0	40.9
10342.	197.7	-63.6	46.4	45.7	-64.0	96.	0.2201	0.0000	0.3777	331.0	41.3
10399.	194.6	-64.0	46.6	45.9	-64.4	96.	0.2221	0.0000	0.3745	331.0	41.6
10456.	191.5	-64.4	46.8	46.1	-64.8	96.	0.2241	0.0000	0.3712	331.0	41.9
10513.	188.4	-64.8	47.0	46.3	-65.2	96.	0.2261	0.0000	0.3680	331.0	42.3
10570.	185.3	-65.2	47.2	46.5	-65.6	96.	0.2281	0.0000	0.3647	331.0	42.6
10627.	182.2	-65.6	47.4	46.7	-66.0	96.	0.2301	0.0000	0.3615	331.0	42.9
10684.	179.1	-66.0	47.6	46.9	-66.4	96.	0.2321	0.0000	0.3582	331.0	43.3
10741.	176.0	-66.4	47.8	47.1	-66.8	96.	0.2341	0.0000	0.3550	331.0	43.6
10798.	172.9	-66.8	48.0	47.3	-67.2	96.	0.2361	0.0000	0.3517	331.0	43.9
10855.	169.8	-67.2	48.2	47.5	-67.6	96.	0.2381	0.0000	0.3485	331.0	44.3
10912.	166.7	-67.6	48.4	47.7	-68.0	96.	0.2401	0.0000	0.3452	331.0	44.6
10969.	163.6	-68.0	48.6	47.9	-68.4	96.	0.2421	0.0000	0.3420	331.0	44.9
11026.	160.5	-68.4	48.8	48.1	-68.8	96.	0.2441	0.0000	0.3387	331.0	45.3
11083.	157.4	-68.8	49.0	48.3	-69.2	96.	0.2461	0.0000	0.3355	331.0	45.6
11140.	154.3	-69.2	49.2	48.5	-69.6	96.	0.2481	0.0000	0.3322	331.0	45.9
11197.	151.2	-69.6	49.4	48.7	-70.0	96.	0.2501	0.0000	0.3290	331.0	46.3
11254.	148.1	-70.0	49.6	48.9	-70.4	96.	0.2521	0.0000	0.3257	331.0	46.6
11311.	145.0	-70.4	49.8	49.1	-70.8	96.	0.2541	0.0000	0.3225	331.0	46.9
11368.	141.9	-70.8	50.0	49.3	-71.2	96.	0.2561	0.0000	0.3192	331.0	47.3
11425.	138.8	-71.2	50.2	49.5	-71.6	96.	0.2581	0.0000	0.3160	331.0	47.6
11482.	135.7	-71.6	50.4	49.7	-72.0	96.	0.2601	0.0000	0.3127	331.0	47.9
11539.	132.6	-72.0	50.6	49.9	-72.4	96.	0.2621	0.0000	0.3095	331.0	48.3
11596.	129.5	-72.4	50.8	50.1	-72.8	96.	0.2641	0.0000	0.3062	331.0	48.6
11653.	126.4	-72.8	51.0	50.3	-73.2	96.	0.2661	0.0000	0.3030	331.0	48.9
11710.	123.3	-73.2	51.2	50.5	-73.6	96.	0.2681	0.0000	0.2997	331.0	49.3
11767.	120.2	-73.6	51.4	50.7	-74.0	96.	0.2701	0.0000	0.2965	331.0	49.6
11824.	117.1	-74.0	51.6	50.9	-74.4	96.	0.2721	0.0000	0.2932	331.0	49.9
11881.	114.0	-74.4	51.8	51.1	-74.8	96.	0.2741	0.0000	0.2900	331.0	50.3
11938.	110.9	-74.8	52.0	51.3	-75.2	96.	0.2761	0.0000	0.2867	331.0	50.6
12000.	107.8	-75.2	52.2	51.5	-75.6	96.	0.2781	0.0000	0.2835	331.0	50.9
12057.	104.7	-75.6	52.4	51.7	-76.0	96.	0.2801	0.0000	0.2802	331.0	51.3
12114.	101.6	-76.0	52.								

HEIGHT (M)	PRES (MB)	T (C)	TLTA (C)	THETA (C)	WIND (C)	REL HUM (%)	E (M)	1E+3*RHOF (G/M+3)	RHO (G/M+3)	DIR (DEG)	SPEED (M/S)
12125.	167.6	-60.9	80.4	80.4	-61.2	96.	0.0092	0.0094	0.2751	332.0	27.0
12173.	167.6	-60.9	81.7	81.7	-60.9	96.	0.0096	0.0098	0.2726	332.0	27.0
12222.	168.0	-60.3	83.0	83.0	-60.3	96.	0.0100	0.0102	0.2701	331.0	27.0
12275.	168.6	-60.0	84.3	84.3	-60.3	96.	0.0104	0.0106	0.2674	330.0	26.4
12328.	169.2	-59.9	85.4	85.4	-60.2	96.	0.0108	0.0110	0.2650	329.0	26.4
12378.	169.9	-59.8	86.4	86.4	-60.1	96.	0.0112	0.0114	0.2627	328.0	26.7
12433.	169.5	-59.7	87.4	87.4	-60.0	96.	0.0116	0.0118	0.2603	327.0	26.7
12480.	168.3	-59.5	88.5	88.5	-59.8	96.	0.0111	0.0113	0.2581	327.0	26.9
12528.	167.1	-59.4	89.5	89.5	-59.7	96.	0.0113	0.0114	0.2560	326.0	26.9
12576.	165.9	-59.3	90.6	90.6	-59.5	96.	0.0116	0.0117	0.2539	326.0	26.4
12623.	165.8	-59.2	91.4	91.4	-59.5	96.	0.0116	0.0117	0.2521	326.0	26.7
12669.	165.6	-59.3	92.2	92.2	-59.6	96.	0.0114	0.0116	0.2502	325.0	26.9
12713.	165.5	-59.3	93.3	93.3	-59.6	96.	0.0114	0.0116	0.2484	325.0	26.9
12763.	165.3	-59.2	94.4	94.4	-59.3	96.	0.0117	0.0119	0.2465	324.0	26.4
12809.	165.2	-59.1	95.7	95.7	-59.3	96.	0.0117	0.0119	0.2445	324.0	26.7
12859.	164.6	-59.0	96.6	96.6	-59.1	96.	0.0122	0.0124	0.2424	324.0	26.7
12907.	164.3	-58.8	98.1	98.1	-59.0	96.	0.0125	0.0127	0.2402	324.0	26.7
12960.	164.4	-58.6	99.9	99.9	-58.9	96.	0.0125	0.0127	0.2380	324.0	26.7
13012.	164.3	-58.6	99.9	99.9	-58.9	96.	0.0125	0.0127	0.2361	324.0	26.7
13066.	164.3	-58.6	99.9	99.9	-58.9	96.	0.0125	0.0127	0.2343	324.0	26.7
13112.	163.1	-58.7	100.5	100.5	-58.9	96.	0.0124	0.0125	0.2325	323.0	26.7
13160.	162.0	-58.7	101.4	101.4	-58.9	96.	0.0124	0.0125	0.2307	323.0	26.7
13214.	160.8	-58.8	102.1	102.1	-58.9	96.	0.0122	0.0124	0.2288	322.0	26.9
13268.	159.6	-58.8	102.1	102.1	-58.9	96.	0.0122	0.0124	0.2272	322.0	26.9
13306.	158.7	-58.7	103.3	103.3	-58.9	96.	0.0124	0.0125	0.2253	322.0	26.9
13353.	157.7	-58.7	104.4	104.4	-58.9	96.	0.0124	0.0125	0.2237	322.0	26.9
13403.	156.6	-58.6	105.5	105.5	-58.9	96.	0.0125	0.0126	0.2219	321.0	26.4
13449.	155.6	-58.6	106.6	106.6	-58.9	96.	0.0125	0.0126	0.2202	321.0	26.4
13496.	154.5	-58.5	107.7	107.7	-58.9	96.	0.0125	0.0126	0.2185	321.0	26.4
13547.	153.5	-58.4	108.8	108.8	-58.9	96.	0.0125	0.0126	0.2166	321.0	26.4
13595.	152.5	-58.4	109.9	109.9	-58.9	96.	0.0125	0.0126	0.2151	321.0	26.4
13647.	151.4	-58.3	109.9	109.9	-58.9	96.	0.0124	0.0125	0.2135	321.0	26.4
13695.	150.4	-58.3	110.4	110.4	-58.9	96.	0.0124	0.0125	0.2119	321.0	26.4
13743.	149.4	-58.3	111.2	111.2	-58.9	96.	0.0122	0.0124	0.2103	321.0	26.4
13792.	148.4	-58.3	112.3	112.3	-58.9	96.	0.0124	0.0125	0.2086	321.0	26.4
13841.	147.4	-58.3	113.1	113.1	-58.9	96.	0.0124	0.0125	0.2070	321.0	26.4
13895.	146.3	-58.3	114.1	114.1	-58.9	96.	0.0124	0.0125	0.2052	321.0	26.4
13945.	145.3	-58.3	115.2	115.2	-58.9	96.	0.0124	0.0125	0.2035	321.0	26.4
13995.	144.3	-58.3	116.2	116.2	-58.9	96.	0.0124	0.0125	0.2017	321.0	26.4
14046.	143.3	-58.3	117.1	117.1	-58.9	96.	0.0124	0.0125	0.2000	321.0	26.4
14092.	142.4	-58.3	118.1	118.1	-58.9	96.	0.0124	0.0125	0.1986	321.0	26.4
14143.	141.4	-58.3	119.1	119.1	-58.9	96.	0.0124	0.0125	0.1969	321.0	26.4
14195.	140.4	-58.3	120.2	120.2	-58.9	96.	0.0124	0.0125	0.1952	321.0	26.4
14253.	139.3	-58.3	121.6	121.6	-58.9	96.	0.0124	0.0125	0.1933	321.0	26.4
14311.	138.2	-57.9	123.3	123.3	-58.9	96.	0.0124	0.0125	0.1913	321.0	26.4
14370.	137.1	-57.9	124.6	124.6	-58.9	96.	0.0124	0.0125	0.1895	321.0	26.4
14419.	136.0	-57.8	125.1	125.1	-58.9	96.	0.0124	0.0125	0.1877	321.0	26.4
14473.	135.0	-57.7	126.3	126.3	-58.9	96.	0.0124	0.0125	0.1863	321.0	26.4
14520.	134.0	-57.7	127.1	127.1	-58.9	96.	0.0124	0.0125	0.1847	321.0	26.4
14569.	133.0	-57.6	127.9	127.9	-58.9	96.	0.0124	0.0125	0.1832	321.0	26.4
14636.	132.0	-57.6	129.5	129.5	-58.9	96.	0.0124	0.0125	0.1813	321.0	26.4
14747.	131.0	-57.5	131.1	131.1	-58.9	96.	0.0124	0.0125	0.1795	321.0	26.4
14799.	130.0	-57.5	132.6	132.6	-58.9	96.	0.0124	0.0125	0.1776	321.0	26.4
14845.	129.0	-57.4	133.5	133.5	-58.9	96.	0.0124	0.0125	0.1762	321.0	26.4
14899.	128.0	-57.3	134.6	134.6	-58.9	96.	0.0124	0.0125	0.1747	321.0	26.4
14945.	127.0	-57.3	135.7	135.7	-58.9	96.	0.0124	0.0125	0.1732	321.0	26.4
14995.	126.0	-57.2	136.8	136.8	-58.9	96.	0.0124	0.0125	0.1717	321.0	26.4
15047.	125.0	-57.1	137.9	137.9	-58.9	96.	0.0124	0.0125	0.1702	321.0	26.4
15095.	124.0	-57.1	139.0	139.0	-58.9	96.	0.0124	0.0125	0.1689	321.0	26.4
15155.	123.0	-57.0	140.7	140.7	-58.9	96.	0.0124	0.0125	0.1676	321.0	26.4
15199.	122.0	-56.9	141.7	141.7	-58.9	96.	0.0124	0.0125	0.1661	321.0	26.4
15255.	121.0	-56.8	142.6	142.6	-58.9	96.	0.0124	0.0125	0.1648	321.0	26.4
15312.	120.0	-56.8	143.7	143.7	-58.9	96.	0.0124	0.0125	0.1634	321.0	26.4
15369.	119.0	-56.8	144.4	144.4	-58.9	96.	0.0124	0.0125	0.1619	321.0	26.4
15423.	118.0	-56.8	146.4	146.4	-58.9	96.	0.0124	0.0125	0.1603	321.0	26.4
15471.	117.0	-56.8	147.7	147.7	-58.9	96.	0.0124	0.0125	0.1589	321.0	26.4
15520.	116.0	-56.8	149.1	149.1	-58.9	96.	0.0124	0.0125	0.1573	321.0	26.4
15568.	115.0	-56.8	150.4	150.4	-58.9	96.	0.0124	0.0125	0.1556	321.0	26.4
15625.	114.0	-56.8	151.7	151.7	-58.9	96.	0.0124	0.0125	0.1543	321.0	26.4
15676.	113.0	-56.8	153.4	153.4	-58.9	96.	0.0124	0.0125	0.1530	321.0	26.4
15730.	112.0	-56.8	154.4	154.4	-58.9	96.	0.0124	0.0125	0.1515	321.0	26.4
15784.	111.0	-56.8	156.2	156.2	-58.9	96.	0.0124	0.0125	0.1501	321.0	26.4
15844.	110.0	-56.8	157.7	157.7	-58.9	96.	0.0124	0.0125	0.1487	321.0	26.4
15895.	109.0	-56.8	159.0	159.0	-58.9	96.	0.0124	0.0125	0.1474	321.0	26.4
15964.	108.0	-56.8	161.1	161.1	-58.9	96.	0.0124	0.0125	0.1462	321.0	26.4
16022.	107.0	-56.8	162.4	162.4	-58.9	96.	0.0124	0.0125	0.1449	321.0	26.4
16076.	106.0	-56.8	163.7	163.7	-58.9	96.	0.0124	0.0125	0.1436	321.0	26.4
16128.	105.0	-56.8	165.1	165.1	-58.9	96.	0.0124	0.0125	0.1423	321.0	26.4
16178.	104.0	-56.8	166.4	166.4	-58.9	96.	0.0124	0.0125	0.1411	321.0	26.4
16237.	103.0	-56.8	167.7	167.7	-58.9	96.	0.0124	0.0125	0.1400	321.0	26.4
16294.	102.0	-56.8	168.8	168.8	-58.9	96.	0.0124	0.0125	0.1388	321.0	26.4
16341.	101.0	-56.8	169.9	169.9	-58.9	96.	0.0124	0.0125	0.1374	321.0	26.4
16393.	100.0	-56.8	171.1	171.1	-58.9	96.	0.0124	0.0125	0.1365	321.0	26.4
16446.	99.0	-56.8	172.4	172.4	-58.9	96.	0.0124	0.0125	0.1351	321.0	26.4
16507.	98.0	-56.8	173.5	173.5	-58.9	96.	0.0124	0.0125	0.1341	321.0	26.4
16561.	97.0	-56.8	174.7	174.7	-58.9	96.	0.0124	0.0125	0.1327	321.0	26.4
16618.	96.0	-56.8	175.7	175.7	-58.9	96.	0.0124	0.0125	0.1315	321.0	26.4
16676.	95.0	-56.8	177.7	177.7	-58.9	96.	0.0124	0.0125	0.1304	321.0	26.4
16734.	94.0	-56.8	179.7	179.7	-58.9	96.	0.0124	0.0125	0.1291	321.0	26.4
16792.	93.0	-56.8	181.7	181.7	-58.9	96.	0.0124	0.0125	0.1280	321.0	26.4
16850.	92.0	-56.8	183.7	183.7	-58.9	96.	0.0124	0.0125	0.1270	321.0	26.4
16908.	91.0	-56.8	185.7	185.7	-58.9	96.	0.0124	0.0125	0.1260	321.0	26.4
16966.	90.0	-56.8	187.7	187.7	-58.9	96.	0.0124	0.0125	0.1250	321.0	26.4
17024.	89.0	-56.8	189.7	189.7	-58.9	96.	0.0124	0.0125	0.1240	321.0	26.4
17082.	88.0	-56.8	191.7	191.7	-58.9	96.	0.0124	0.0125	0.1230	321.0	26.4
17140.	87.0	-56.8	193.7	193.7	-58.9	96.	0.0124	0.0125	0.1220	321.0	26.4
17198.	86.0	-56.8	195.7	195.7	-58.9	96.	0.0124	0.0125	0.1210	321.0	26.4
17256.	85.0	-56.8	197.7	197.7	-58.9	96.	0.0124	0.0125	0.1200	321.0	26.4
17314.	84.0	-56.8	199.7	199.7	-58.9	96.	0.0124	0.0125	0.1190	321.0	26.4
17372.	83.0	-56.8	201.7	201.7	-58.9	96.	0.0124	0.0125	0.1180	321.0	26.4
17430.	82.0	-56.8	203.7	203.7	-58.9	96.	0				


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SOUNDING 21.0
LATITUDE -60.4 LONGITUDE 3.5
DATE 10-05-81 TIME 2345 GMT
NUMBER OF LEVELS 302

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82

HEIGHT (M)	PRES (Hpa)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	F (MP)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
54.8	456.1	-3.0	44.3	44.3	-42.9	41.0	0.0019	0.00865	0.5716	17.0	8.4
55.1	455.0	-3.0	44.4	44.4	-43.7	40.0	0.0044	0.00793	0.6673	38.0	8.4
55.1	455.0	-3.0	44.4	44.4	-44.0	40.0	0.0044	0.00752	0.6627	38.0	8.4
56.1	446.9	-3.0	44.4	44.4	-45.0	35.0	0.0072	0.00689	0.5585	39.0	8.3
57.4	442.7	-3.0	44.4	44.4	-45.5	30.0	0.0067	0.00647	0.6540	39.0	8.3
58.4	435.6	-3.0	44.4	44.4	-46.6	28.0	0.0051	0.00592	0.6495	40.0	8.2
59.7	431.0	-3.0	44.4	44.4	-47.4	27.0	0.0035	0.00551	0.6451	40.0	8.2
60.4	427.4	-3.0	44.4	44.4	-48.0	26.0	0.0035	0.00518	0.6410	40.0	8.2
61.7	423.7	-3.0	44.4	44.4	-48.5	25.0	0.0035	0.00483	0.6367	41.0	7.8
62.7	419.9	-3.0	44.4	44.4	-49.0	24.0	0.0035	0.00449	0.6328	41.0	7.8
63.7	416.0	-3.0	44.4	44.4	-49.5	23.0	0.0035	0.00414	0.6290	41.0	7.8
64.4	412.0	-3.0	44.4	44.4	-50.0	22.0	0.0035	0.00379	0.6251	41.0	7.8
64.4	408.1	-3.0	44.4	44.4	-50.5	21.0	0.0035	0.00344	0.6207	41.0	7.8
64.4	404.1	-3.0	44.4	44.4	-51.0	20.0	0.0035	0.00319	0.6165	41.0	7.8
64.4	400.1	-3.0	44.4	44.4	-51.5	19.0	0.0035	0.00294	0.6122	41.0	7.7
64.4	396.1	-3.0	44.4	44.4	-52.0	18.0	0.0035	0.00269	0.6079	41.0	7.7
64.4	392.1	-3.0	44.4	44.4	-52.5	17.0	0.0035	0.00244	0.6033	41.0	7.7
64.4	388.1	-3.0	44.4	44.4	-53.0	16.0	0.0035	0.00219	0.5989	41.0	7.6
64.4	384.1	-3.0	44.4	44.4	-53.5	15.0	0.0035	0.00194	0.5944	41.0	7.6
64.4	380.1	-3.0	44.4	44.4	-54.0	14.0	0.0035	0.00169	0.5899	41.0	7.5
64.4	376.1	-3.0	44.4	44.4	-54.5	13.0	0.0035	0.00144	0.5853	41.0	7.5
64.4	372.1	-3.0	44.4	44.4	-55.0	12.0	0.0035	0.00119	0.5808	41.0	7.5
64.4	368.1	-3.0	44.4	44.4	-55.5	11.0	0.0035	0.00094	0.5762	41.0	7.5
64.4	364.1	-3.0	44.4	44.4	-56.0	10.0	0.0035	0.00069	0.5716	41.0	7.5
64.4	360.1	-3.0	44.4	44.4	-56.5	9.0	0.0035	0.00044	0.5670	41.0	7.5
64.4	356.1	-3.0	44.4	44.4	-57.0	8.0	0.0035	0.00019	0.5624	41.0	7.5
64.4	352.1	-3.0	44.4	44.4	-57.5	7.0	0.0035	0.00004	0.5578	41.0	7.5
64.4	348.1	-3.0	44.4	44.4	-58.0	6.0	0.0035	0.00000	0.5532	41.0	7.5
64.4	344.1	-3.0	44.4	44.4	-58.5	5.0	0.0035	0.00000	0.5486	41.0	7.5
64.4	340.1	-3.0	44.4	44.4	-59.0	4.0	0.0035	0.00000	0.5440	41.0	7.5
64.4	336.1	-3.0	44.4	44.4	-59.5	3.0	0.0035	0.00000	0.5394	41.0	7.5
64.4	332.1	-3.0	44.4	44.4	-60.0	2.0	0.0035	0.00000	0.5348	41.0	7.5
64.4	328.1	-3.0	44.4	44.4	-60.5	1.0	0.0035	0.00000	0.5302	41.0	7.5
64.4	324.1	-3.0	44.4	44.4	-61.0	0.0	0.0035	0.00000	0.5256	41.0	7.5
64.4	320.1	-3.0	44.4	44.4	-61.5	-1.0	0.0035	0.00000	0.5210	41.0	7.5
64.4	316.1	-3.0	44.4	44.4	-62.0	-2.0	0.0035	0.00000	0.5164	41.0	7.5
64.4	312.1	-3.0	44.4	44.4	-62.5	-3.0	0.0035	0.00000	0.5118	41.0	7.5
64.4	308.1	-3.0	44.4	44.4	-63.0	-4.0	0.0035	0.00000	0.5072	41.0	7.5
64.4	304.1	-3.0	44.4	44.4	-63.5	-5.0	0.0035	0.00000	0.5026	41.0	7.5
64.4	300.1	-3.0	44.4	44.4	-64.0	-6.0	0.0035	0.00000	0.4980	41.0	7.5
64.4	296.1	-3.0	44.4	44.4	-64.5	-7.0	0.0035	0.00000	0.4934	41.0	7.5
64.4	292.1	-3.0	44.4	44.4	-65.0	-8.0	0.0035	0.00000	0.4888	41.0	7.5
64.4	288.1	-3.0	44.4	44.4	-65.5	-9.0	0.0035	0.00000	0.4842	41.0	7.5
64.4	284.1	-3.0	44.4	44.4	-66.0	-10.0	0.0035	0.00000	0.4796	41.0	7.5
64.4	280.1	-3.0	44.4	44.4	-66.5	-11.0	0.0035	0.00000	0.4750	41.0	7.5
64.4	276.1	-3.0	44.4	44.4	-67.0	-12.0	0.0035	0.00000	0.4704	41.0	7.5
64.4	272.1	-3.0	44.4	44.4	-67.5	-13.0	0.0035	0.00000	0.4658	41.0	7.5
64.4	268.1	-3.0	44.4	44.4	-68.0	-14.0	0.0035	0.00000	0.4612	41.0	7.5
64.4	264.1	-3.0	44.4	44.4	-68.5	-15.0	0.0035	0.00000	0.4566	41.0	7.5
64.4	260.1	-3.0	44.4	44.4	-69.0	-16.0	0.0035	0.00000	0.4520	41.0	7.5
64.4	256.1	-3.0	44.4	44.4	-69.5	-17.0	0.0035	0.00000	0.4474	41.0	7.5
64.4	252.1	-3.0	44.4	44.4	-70.0	-18.0	0.0035	0.00000	0.4428	41.0	7.5
64.4	248.1	-3.0	44.4	44.4	-70.5	-19.0	0.0035	0.00000	0.4382	41.0	7.5
64.4	244.1	-3.0	44.4	44.4	-71.0	-20.0	0.0035	0.00000	0.4336	41.0	7.5
64.4	240.1	-3.0	44.4	44.4	-71.5	-21.0	0.0035	0.00000	0.4290	41.0	7.5
64.4	236.1	-3.0	44.4	44.4	-72.0	-22.0	0.0035	0.00000	0.4244	41.0	7.5
64.4	232.1	-3.0	44.4	44.4	-72.5	-23.0	0.0035	0.00000	0.4198	41.0	7.5
64.4	228.1	-3.0	44.4	44.4	-73.0	-24.0	0.0035	0.00000	0.4152	41.0	7.5
64.4	224.1	-3.0	44.4	44.4	-73.5	-25.0	0.0035	0.00000	0.4106	41.0	7.5
64.4	220.1	-3.0	44.4	44.4	-74.0	-26.0	0.0035	0.00000	0.4060	41.0	7.5
64.4	216.1	-3.0	44.4	44.4	-74.5	-27.0	0.0035	0.00000	0.4014	41.0	7.5
64.4	212.1	-3.0	44.4	44.4	-75.0	-28.0	0.0035	0.00000	0.3968	41.0	7.5
64.4	208.1	-3.0	44.4	44.4	-75.5	-29.0	0.0035	0.00000	0.3922	41.0	7.5
64.4	204.1	-3.0	44.4	44.4	-76.0	-30.0	0.0035	0.00000	0.3876	41.0	7.5
64.4	200.1	-3.0	44.4	44.4	-76.5	-31.0	0.0035	0.00000	0.3830	41.0	7.5
64.4	196.1	-3.0	44.4	44.4	-77.0	-32.0	0.0035	0.00000	0.3784	41.0	7.5
64.4	192.1	-3.0	44.4	44.4	-77.5	-33.0	0.0035	0.00000	0.3738	41.0	7.5
64.4	188.1	-3.0	44.4	44.4	-78.0	-34.0	0.0035	0.00000	0.3692	41.0	7.5
64.4	184.1	-3.0	44.4	44.4	-78.5	-35.0	0.0035	0.00000	0.3646	41.0	7.5
64.4	180.1	-3.0	44.4	44.4	-79.0	-36.0	0.0035	0.00000	0.3600	41.0	7.5
64.4	176.1	-3.0	44.4	44.4	-79.5	-37.0	0.0035	0.00000	0.3554	41.0	7.5
64.4	172.1	-3.0	44.4	44.4	-80.0	-38.0	0.0035	0.00000	0.3508	41.0	7.5
64.4	168.1	-3.0	44.4	44.4	-80.5	-39.0	0.0035	0.00000	0.3462	41.0	7.5
64.4	164.1	-3.0	44.4	44.4	-81.0	-40.0	0.0035	0.00000	0.3416	41.0	7.5
64.4	160.1	-3.0	44.4	44.4	-81.5	-41.0	0.0035	0.00000	0.3370	41.0	7.5
64.4	156.1	-3.0	44.4	44.4	-82.0	-42.0	0.0035	0.00000	0.3324	41.0	7.5
64.4	152.1	-3.0	44.4	44.4	-82.5	-43.0	0.0035	0.00000	0.3278	41.0	7.5
64.4	148.1	-3.0	44.4	44.4	-83.0	-44.0	0.0035	0.00000	0.3232	41.0	7.5
64.4	144.1	-3.0	44.4	44.4	-83.5	-45.0	0.0035	0.00000	0.3186	41.0	7.5
64.4	140.1	-3.0	44.4	44.4	-84.0	-46.0	0.0035	0.00000	0.3140	41.0	7.5
64.4	136.1	-3.0	44.4	44.4	-84.5	-47.0	0.0035	0.00000	0.3094	41.0	7.5
64.4	132.1	-3.0	44.4	44.4	-85.0	-48.0	0.0035	0.00000	0.3048	41.0	7.5
64.4	128.1	-3.0	44.4	44.4	-85.5	-49.0	0.0035	0.00000	0.3002	41.0	7.5
64.4	124.1	-3.0	44.4	44.4	-86.0	-50.0	0.0035	0.00000	0.2956	41.0	7.5
64.4	120.1	-3.0	44.4	44.4	-86.5	-51.0	0.0035	0.00000	0.2910	41.0	7.5
64.4	116.1	-3.0	44.4	44.4	-87.0	-52.0	0.0035	0.00000	0.2864	41.0	7.5
64.4	112.1	-3.0	44.4	44.4	-87.5	-53.0	0.0035	0.00000	0.2818	41.0	7.5
64.4	108.1	-3.0	44.4	44.4	-88.0	-54.0	0.0035	0.00000	0.2772	41.0	7.5
64.4	104.1	-3.0	44.4	44.4	-88.5	-55.0	0.0035	0.00000	0.2726	41.0	7.5
64.4	100.1	-3.0	44.4	44.4	-89.0	-56.0	0.0035	0.00000	0.2680	41.0	7.5
64.4	96.1	-3.0	44.4	44.4	-89.5	-57.0	0.0035	0.00000	0.2634	41.0	7.5
64.4	92.1	-3.0	44.4	44.4	-90.0	-58.0	0.0035	0.00000	0.2588	41.0	7.5
64.4	88.1	-3.0	44.4	44.4	-90.5	-59.0	0.0035	0.00000	0.2542	41.0	7.5
64.4	84.1	-3.0	44.4	44.4	-91.0	-60.0	0.0035	0.00000	0.2496	41.0	7.5
64.4	80.1	-3.0	44.4	44.4	-91.5	-61.0	0.0035	0.00000	0.2450	41.0	7.5
64.4	76.1	-3.0	44.4	44.4	-92.0	-62.0	0.0035	0.00000	0.2404	41.0	7.5
64.4	72.1	-3.0	44.4	44.4	-92.5	-63.0	0.0035	0.00000	0.2358	41.0	7.5
64.4	68.1	-3.0	44.4	44.4	-93.0	-64.0	0.0035	0.00000	0.2312	41.0	7.5
64.4	64.1	-3.0	44.4	44.4	-93.5	-65.0	0.0035	0.00000	0.2266	41.0	7.5
64.4	60.1	-3.0	44.4	44.4	-94.0	-66.0	0.0035	0.00000	0.2220	41.0	7.5
64.4	56.1	-3.0	44.4	44.4	-94.5	-67.0	0.0035	0.00000	0.2174	41.0	7.5
64.4	52.1	-3.0	44.4	44.4	-95.0	-68.0	0.0035	0.00000	0.2128	41.0	7.5
64.4	48.1	-3.0	44.4	44.4	-95.5	-69.0	0.0035	0.00000	0.2082	41	

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOM (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
11936.	169.9	-55.8	87.5	87.5	-82.2	2.	0.0004	0.0004	0.2723	315.0	18.4
11989.	168.5	-55.8	88.3	88.3	-82.2	2.	0.0004	0.0004	0.2701	315.0	18.7
12042.	167.1	-55.9	89.0	89.0	-82.3	2.	0.0004	0.0004	0.2679	315.0	19.3
12095.	165.7	-56.0	89.7	89.7	-82.3	2.	0.0004	0.0004	0.2656	315.0	19.5
12145.	164.4	-56.0	90.5	90.5	-82.3	2.	0.0004	0.0004	0.2637	315.0	19.8
12192.	163.2	-56.1	91.1	91.1	-82.4	2.	0.0004	0.0004	0.2619	316.0	20.2
12239.	162.0	-56.1	92.1	92.1	-86.3	1.	0.0002	0.0002	0.2599	316.0	20.7
12286.	160.8	-56.0	92.8	92.8	-86.4	1.	0.0002	0.0002	0.2580	316.0	21.0
12333.	159.6	-56.1	93.4	93.4	-86.4	1.	0.0002	0.0002	0.2562	316.0	21.3
12385.	158.3	-56.1	94.3	94.3	-86.4	1.	0.0002	0.0002	0.2541	317.0	22.0
12437.	157.0	-56.1	95.2	95.2	-86.5	1.	0.0002	0.0002	0.2520	317.0	22.4
12490.	155.7	-56.2	95.9	95.9	-86.6	1.	0.0002	0.0002	0.2498	317.0	22.7
12543.	154.4	-56.3	96.6	96.6	-86.6	1.	0.0002	0.0002	0.2478	317.0	23.0
12601.	153.0	-56.3	97.6	97.6	-86.6	1.	0.0002	0.0002	0.2458	316.0	23.4
12655.	151.7	-56.3	98.5	98.5	-86.6	1.	0.0002	0.0002	0.2437	316.0	23.7
12714.	150.3	-56.3	99.4	99.4	-86.6	1.	0.0002	0.0002	0.2415	316.0	24.0
12765.	149.1	-56.5	100.0	100.0	-86.7	1.	0.0002	0.0002	0.2397	316.0	24.1
12820.	147.8	-56.6	100.7	100.7	-86.8	1.	0.0002	0.0002	0.2378	315.0	24.3
12876.	146.5	-56.7	101.5	101.5	-86.9	1.	0.0002	0.0002	0.2358	315.0	24.5
12924.	145.4	-56.9	101.9	101.9	-87.0	1.	0.0002	0.0002	0.2342	315.0	24.6
12981.	144.1	-57.0	102.7	102.7	-87.1	1.	0.0002	0.0002	0.2322	314.0	24.8
13033.	142.9	-57.0	103.6	103.6	-87.2	1.	0.0002	0.0002	0.2303	314.0	25.0
13082.	141.8	-57.1	104.4	104.4	-87.2	1.	0.0002	0.0002	0.2286	313.0	25.5
13136.	140.6	-57.1	105.3	105.3	-87.2	1.	0.0002	0.0002	0.2277	313.0	25.8
13185.	139.5	-57.2	105.9	105.9	-87.2	1.	0.0002	0.0002	0.2250	312.0	26.0
13235.	138.4	-56.9	107.3	107.3	-87.3	1.	0.0002	0.0002	0.2230	311.0	26.2
13286.	137.3	-56.6	106.7	106.7	-86.8	1.	0.0002	0.0002	0.2209	311.0	26.4
13342.	136.1	-56.5	109.8	109.8	-86.7	1.	0.0002	0.0002	0.2188	311.0	26.5
13398.	134.9	-56.4	111.0	111.0	-86.6	1.	0.0002	0.0002	0.2168	310.0	26.7
13456.	133.8	-56.3	112.3	112.3	-86.6	1.	0.0002	0.0002	0.2149	310.0	26.9
13522.	132.7	-56.3	112.9	112.9	-86.6	1.	0.0002	0.0002	0.2132	310.0	27.2
13550.	131.7	-56.2	114.0	114.0	-86.5	1.	0.0002	0.0002	0.2115	310.0	27.4
13603.	130.6	-56.1	115.1	115.1	-86.4	1.	0.0002	0.0002	0.2096	310.0	27.6
13652.	129.6	-56.0	116.1	116.1	-86.3	1.	0.0002	0.0002	0.2079	310.0	27.7
13701.	128.6	-56.0	117.1	117.1	-86.3	1.	0.0002	0.0002	0.2063	310.0	27.8
13756.	127.5	-56.0	118.1	118.1	-86.3	1.	0.0002	0.0002	0.2044	310.0	27.9
13806.	126.5	-56.0	119.2	119.2	-86.0	1.	0.0002	0.0002	0.2027	310.0	28.0
13856.	125.5	-55.9	120.4	120.4	-86.0	1.	0.0002	0.0002	0.2010	310.0	28.1
13906.	124.5	-55.5	121.5	121.5	-86.0	1.	0.0002	0.0002	0.1993	310.0	28.2
13963.	123.4	-55.5	122.5	122.5	-86.0	1.	0.0002	0.0002	0.1975	310.0	28.3
14020.	122.3	-55.4	123.7	123.7	-85.9	1.	0.0002	0.0002	0.1957	310.0	28.4
14073.	121.3	-55.3	124.8	124.8	-85.9	1.	0.0002	0.0002	0.1940	310.0	28.5
14125.	120.3	-55.4	125.6	125.6	-85.9	1.	0.0002	0.0002	0.1925	310.0	28.6
14184.	119.2	-55.4	126.6	126.6	-85.9	1.	0.0002	0.0002	0.1907	310.0	28.7
14237.	118.2	-55.4	127.6	127.6	-85.9	1.	0.0002	0.0002	0.1891	310.0	28.8
14291.	117.2	-55.4	128.6	128.6	-85.9	1.	0.0002	0.0002	0.1875	310.0	28.9
14346.	116.2	-55.3	129.7	129.7	-85.9	1.	0.0002	0.0002	0.1858	310.0	29.0
14401.	115.2	-55.3	130.6	130.6	-85.9	1.	0.0002	0.0002	0.1841	310.0	29.1
14457.	114.2	-55.3	131.6	131.6	-85.9	1.	0.0002	0.0002	0.1824	310.0	29.2
14507.	113.3	-55.3	132.6	132.6	-85.9	1.	0.0002	0.0002	0.1808	310.0	29.3
14558.	112.4	-55.3	133.6	133.6	-85.9	1.	0.0002	0.0002	0.1791	310.0	29.4
14610.	111.5	-55.3	134.6	134.6	-85.9	1.	0.0002	0.0002	0.1775	310.0	29.5
14667.	110.5	-55.3	137.4	137.4	-84.9	1.	0.0003	0.0003	0.1757	310.0	29.6
14720.	109.6	-55.4	138.6	138.6	-84.9	1.	0.0003	0.0003	0.1742	310.0	29.7
14772.	108.7	-55.3	140.1	140.1	-84.8	1.	0.0003	0.0003	0.1727	310.0	29.8
14826.	107.8	-55.3	141.3	141.3	-84.7	1.	0.0003	0.0003	0.1712	310.0	29.9
14873.	107.0	-55.3	142.3	142.3	-84.6	1.	0.0003	0.0003	0.1699	310.0	30.0
14928.	106.1	-55.3	143.7	143.7	-84.5	1.	0.0003	0.0003	0.1683	310.0	30.1
14976.	105.3	-55.3	145.0	145.0	-84.4	1.	0.0003	0.0003	0.1669	310.0	30.2
15025.	104.5	-55.3	146.1	146.1	-84.3	1.	0.0003	0.0003	0.1655	310.0	30.3
15081.	103.6	-55.3	147.3	147.3	-84.2	1.	0.0003	0.0003	0.1640	310.0	30.4
15137.	102.7	-55.3	148.6	148.6	-84.1	1.	0.0003	0.0003	0.1625	310.0	30.5
15194.	101.8	-55.3	149.6	149.6	-84.1	1.	0.0003	0.0003	0.1611	310.0	30.6
15251.	100.9	-55.3	150.7	150.7	-84.1	1.	0.0003	0.0003	0.1597	310.0	30.7
15308.	100.0	-55.3	151.7	151.7	-84.1	1.	0.0003	0.0003	0.1584	310.0	30.8
15366.	99.2	-55.3	152.8	152.8	-84.1	1.	0.0003	0.0003	0.1570	310.0	30.9
15422.	98.4	-55.3	153.8	153.8	-84.1	1.	0.0003	0.0003	0.1557	310.0	31.0
15471.	97.5	-55.3	154.9	154.9	-84.1	1.	0.0003	0.0003	0.1543	310.0	31.1
15525.	96.7	-55.3	156.1	156.1	-84.1	1.	0.0003	0.0003	0.1529	310.0	31.2
15585.	95.8	-55.3	157.4	157.4	-84.0	1.	0.0003	0.0003	0.1515	310.0	31.3
15639.	95.0	-55.3	158.5	158.5	-84.0	1.	0.0003	0.0003	0.1502	310.0	31.4
15704.	94.1	-55.3	159.6	159.6	-84.0	1.	0.0003	0.0003	0.1488	310.0	31.5
15755.	93.3	-55.3	160.4	160.4	-84.0	1.	0.0003	0.0003	0.1474	310.0	31.6
15811.	92.5	-55.3	161.2	161.2	-84.0	1.	0.0003	0.0003	0.1461	310.0	31.7
15860.	91.8	-55.3	162.1	162.1	-84.0	1.	0.0003	0.0003	0.1450	310.0	31.8
15916.	91.0	-55.3	163.1	163.1	-84.0	1.	0.0003	0.0003	0.1437	310.0	31.9
15973.	90.2	-55.3	164.2	164.2	-84.0	1.	0.0003	0.0003	0.1425	310.0	32.0
16030.	89.4	-55.3	165.3	165.3	-84.0	1.	0.0003	0.0003	0.1411	310.0	32.1
16088.	88.6	-55.3	166.3	166.3	-84.0	1.	0.0003	0.0003	0.1397	310.0	32.2
16143.	87.9	-55.3	167.7	167.7	-84.0	1.	0.0004	0.0004	0.1385	310.0	32.3
16198.	87.1	-55.3	171.5	171.5	-84.0	1.	0.0004	0.0004	0.1370	310.0	32.4
16251.	86.4	-55.4	173.1	173.1	-84.0	1.	0.0004	0.0004	0.1357	310.0	32.5
16311.	85.6	-55.4	174.7	174.7	-84.0	1.	0.0004	0.0004	0.1344	310.0	32.6
16377.	84.8	-55.1	176.1	176.1	-82.7	1.	0.0004	0.0004	0.1330	310.0	32.7
16426.	84.1	-55.4	177.6	177.6	-82.7	1.	0.0004	0.0004	0.1314	310.0	32.8
16482.	83.3	-55.6	179.4	179.4	-82.7	1.	0.0004	0.0004	0.1304	310.0	32.9
16543.	82.6	-55.4	180.0	180.0	-82.7	1.	0.0004	0.0004	0.1292	310.0	33.0
16599.	81.8	-55.6	182.3	182.3	-81.1	1.	0.0004	0.0004	0.1280	310.0	33.1
16655.	81.2	-55.6	183.6	183.6	-81.1	1.	0.0004	0.0004	0.1267	310.0	33.2
16711.	80.5	-55.6	185.1	185.1	-81.1	1.	0.0004	0.0004	0.1255	310.0	33.3
16768.	79.8	-55.6	186.4	186.4	-81.1	1.	0.0004	0.0004	0.1243	310.0	33.4
16824.	79.2	-55.6	187.7	187.7	-81.1	1.	0.0004	0.0004	0.1235	310.0	33.5
16879.	78.5	-55.6	189.0	189.0	-81.1	1.	0.0004	0.0004	0.1224	310.0	33.6
16934.	77.8	-55.6	190.4	190.4	-81.1	1.	0.0004	0.0004	0.1212	310.0	33.7
16989.	77.1	-55.6	191.7	191.7	-81.1	1.	0.0004	0.0004	0.1201	310.0	33.8
17044.	76.5	-55.6	193.1	193.1	-81.1	1.	0.0004	0.0004	0.1191	310.0	33.9
17104.	75.8	-55.6	194.4	194.4	-81.1	1.	0.0004	0.0004	0.1179	310.0	34.0
17158.	75.2	-55.6	195.4	195.4	-81.1	1.	0.0004	0.0004	0.1168	310.0	34.1
17214.	74.5	-55.6	197.7	197.7	-81.1	1.	0.0004	0.0004	0.1157	310.0	34.2
17271.	73.8	-55.6	199.4	199.4	-81.1	1.	0.0004	0.0004	0.1146	310.0	34.3
17333.	73.2	-55.6	200.7	200.7	-81.1	1.	0.0004	0.0004	0.1135	310.0	34.4
17396.	72.5	-55.6	202.2	202.2	-81.1</						

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3-RH0W (G/M+3)	RH0 (KG/M+3)	D1R (DEG)	SPEED (M/S)
17874.	67.4	-48.7	211.8	211.8	-81.0	1.	0.0005	0.0005	0.1046	297.0	44.9
17933.	66.8	-48.6	213.2	213.2	-80.9	1.	0.0005	0.0005	0.1036	296.0	45.5
17992.	66.2	-48.6	214.5	214.5	-80.9	1.	0.0005	0.0005	0.1027	296.0	45.9
18052.	65.6	-48.7	215.5	215.5	-81.0	1.	0.0005	0.0005	0.1018	296.0	46.4
18112.	65.0	-48.9	216.4	216.4	-81.1	1.	0.0005	0.0005	0.1010	295.0	47.0
18173.	64.4	-49.1	217.3	217.3	-81.3	1.	0.0004	0.0005	0.1001	295.0	47.4
18234.	63.8	-49.2	218.3	218.3	-81.3	1.	0.0004	0.0005	0.0992	294.0	47.8
18286.	63.3	-49.2	219.4	219.4	-81.3	1.	0.0004	0.0005	0.0985	294.0	48.3
18348.	62.7	-49.2	220.8	220.8	-81.3	1.	0.0004	0.0005	0.0975	294.0	48.8
18401.	62.2	-49.0	222.4	222.4	-81.2	1.	0.0004	0.0005	0.0967	294.0	49.2
18464.	61.6	-48.7	224.4	224.4	-81.0	1.	0.0005	0.0005	0.0956	293.0	49.6
18529.	61.0	-48.6	226.0	226.0	-80.9	1.	0.0005	0.0005	0.0946	293.0	50.0
18583.	60.5	-48.5	227.4	227.4	-80.8	1.	0.0005	0.0005	0.0938	293.0	50.4
18637.	60.0	-48.5	228.6	228.6	-80.8	1.	0.0005	0.0005	0.0930	293.0	50.7
18692.	59.5	-48.5	229.8	229.8	-80.8	1.	0.0005	0.0005	0.0923	293.0	51.1
18747.	59.0	-48.7	230.6	230.6	-81.0	1.	0.0005	0.0005	0.0916	293.0	51.5
18803.	58.5	-48.2	232.9	232.9	-80.6	1.	0.0005	0.0006	0.0906	293.0	51.8
18871.	57.9	-47.9	235.1	235.1	-80.4	1.	0.0005	0.0006	0.0895	293.0	52.2
18928.	57.4	-47.7	236.8	236.8	-80.3	1.	0.0005	0.0006	0.0887	293.0	52.6
18986.	56.9	-47.8	237.9	237.9	-80.3	1.	0.0005	0.0006	0.0880	293.0	53.0
19044.	56.4	-47.7	238.9	238.9	-80.4	1.	0.0005	0.0006	0.0872	294.0	53.3
19114.	55.8	-48.0	240.3	240.3	-80.5	1.	0.0005	0.0006	0.0863	294.0	53.7
19162.	55.4	-48.1	241.1	241.1	-80.5	1.	0.0005	0.0006	0.0858	294.0	54.1
19233.	54.8	-48.1	242.7	242.7	-80.5	1.	0.0005	0.0006	0.0848	294.0	54.5
19294.	54.3	-48.0	244.3	244.3	-80.5	1.	0.0005	0.0006	0.0840	294.0	54.9
19355.	53.8	-47.8	246.1	246.1	-80.3	1.	0.0005	0.0006	0.0832	294.0	55.3
19416.	53.3	-47.5	248.2	248.2	-80.1	1.	0.0005	0.0006	0.0823	294.0	55.7
19466.	52.9	-47.3	249.6	249.6	-79.9	1.	0.0005	0.0006	0.0816	294.0	56.1
19529.	52.4	-47.2	251.4	251.4	-79.9	1.	0.0005	0.0006	0.0808	293.0	56.5
19592.	51.9	-47.1	253.1	253.1	-79.8	1.	0.0005	0.0006	0.0800	293.0	56.9
19656.	51.4	-47.2	254.3	254.3	-79.9	1.	0.0006	0.0006	0.0792	293.0	57.3
19706.	51.0	-47.2	255.5	255.5	-79.9	1.	0.0006	0.0006	0.0786	292.0	57.7
19773.	50.5	-47.2	257.0	257.0	-79.9	1.	0.0006	0.0006	0.0779	292.0	58.1
19838.	50.0	-47.2	258.5	258.5	-79.9	1.	0.0006	0.0006	0.0771	291.0	58.5
19905.	49.5	-47.3	259.9	259.9	-79.9	1.	0.0005	0.0006	0.0764	291.0	58.9
19958.	49.1	-47.3	261.1	261.1	-79.9	1.	0.0005	0.0006	0.0757	290.0	59.3
20026.	48.6	-47.3	262.6	262.6	-79.9	1.	0.0005	0.0006	0.0750	290.0	59.7
20086.	48.2	-47.3	263.5	263.5	-79.9	1.	0.0005	0.0006	0.0743	289.0	60.1
20145.	47.7	-47.4	265.2	265.2	-80.0	1.	0.0005	0.0006	0.0736	289.0	60.5
20205.	47.3	-47.4	266.5	266.5	-80.0	1.	0.0005	0.0006	0.0730	289.0	60.9
20261.	46.9	-47.4	267.8	267.8	-80.0	1.	0.0005	0.0006	0.0724	289.0	61.3
20317.	46.5	-47.5	268.9	268.9	-80.1	1.	0.0005	0.0006	0.0718	289.0	61.7
20374.	46.1	-47.5	270.0	270.0	-80.2	1.	0.0005	0.0006	0.0712	289.0	62.1
20432.	45.7	-47.5	271.3	271.3	-80.2	1.	0.0005	0.0006	0.0706	289.0	62.5
20504.	45.2	-47.6	273.1	273.1	-80.2	1.	0.0005	0.0006	0.0698	289.0	62.9
20563.	44.8	-47.6	274.7	274.7	-80.1	1.	0.0005	0.0006	0.0692	289.0	63.3
20622.	44.4	-47.5	276.6	276.6	-79.9	1.	0.0005	0.0006	0.0685	289.0	63.7
20682.	44.0	-47.1	278.5	278.5	-79.8	1.	0.0005	0.0006	0.0678	289.0	64.1
20742.	43.6	-46.7	280.9	280.9	-79.5	1.	0.0005	0.0007	0.0671	289.0	64.5
20803.	43.2	-46.4	283.1	283.1	-79.3	1.	0.0005	0.0007	0.0664	289.0	64.9
20861.	42.8	-46.2	285.5	285.5	-79.1	1.	0.0005	0.0007	0.0655	289.0	65.3
20945.	42.3	-45.9	287.7	287.7	-78.9	1.	0.0005	0.0007	0.0648	289.0	65.7
20999.	42.0	-45.8	289.1	289.1	-78.9	1.	0.0005	0.0007	0.0644	289.0	66.1
21054.	41.6	-45.8	290.6	290.6	-78.9	1.	0.0005	0.0007	0.0637	289.0	66.5
21116.	41.2	-45.9	291.9	291.9	-78.9	1.	0.0005	0.0007	0.0632	289.0	66.9
21183.	40.8	-46.0	293.3	293.3	-79.0	1.	0.0005	0.0007	0.0626	289.0	67.3
21248.	40.4	-46.0	294.9	294.9	-79.0	1.	0.0005	0.0007	0.0621	289.0	67.7
21315.	40.0	-45.9	296.7	296.7	-78.9	1.	0.0005	0.0007	0.0613	289.0	68.1
21365.	39.7	-45.7	298.8	298.8	-78.8	1.	0.0005	0.0007	0.0608	289.0	68.5
21432.	39.3	-45.4	300.9	300.9	-78.6	1.	0.0005	0.0008	0.0601	289.0	68.9
21500.	38.9	-45.1	303.3	303.3	-78.5	1.	0.0005	0.0008	0.0594	289.0	69.3
21552.	38.4	-44.9	305.1	305.1	-78.2	1.	0.0005	0.0008	0.0589	289.0	69.7
21621.	38.1	-44.6	306.6	306.6	-78.0	1.	0.0005	0.0008	0.0584	289.0	70.1
21691.	37.7	-44.3	307.7	307.7	-77.6	1.	0.0005	0.0008	0.0578	289.0	70.5
21744.	37.5	-44.5	309.7	309.7	-78.8	1.	0.0005	0.0007	0.0574	289.0	70.9
21816.	37.1	-44.8	309.4	309.4	-78.9	1.	0.0005	0.0007	0.0568	289.0	71.3
21875.	36.6	-46.0	310.2	310.2	-79.0	1.	0.0005	0.0007	0.0564	289.0	71.7
21924.	36.5	-46.2	311.1	311.1	-79.1	1.	0.0005	0.0007	0.0560	289.0	72.1
21977.	36.1	-45.5	313.7	313.7	-78.9	1.	0.0005	0.0007	0.0553	289.0	72.5
22052.	35.8	-45.6	316.1	316.1	-78.6	1.	0.0005	0.0008	0.0548	289.0	72.9
22127.	35.4	-45.1	317.0	317.0	-78.3	1.	0.0005	0.0008	0.0541	289.0	73.3
22184.	35.1	-44.8	321.0	321.0	-78.2	1.	0.0005	0.0008	0.0536	289.0	73.7
22241.	34.8	-44.7	323.3	323.3	-78.1	1.	0.0005	0.0008	0.0531	289.0	74.1
22313.	34.4	-44.3	325.6	325.6	-77.8	1.	0.0005	0.0008	0.0524	289.0	74.5
22377.	34.1	-43.8	328.9	328.9	-77.4	1.	0.0005	0.0008	0.0518	289.0	74.9
22437.	33.8	-43.1	331.7	331.7	-77.0	1.	0.0005	0.0010	0.0512	289.0	75.3
22497.	33.5	-42.5	335.7	335.7	-76.7	1.	0.0005	0.0010	0.0507	289.0	75.7
22557.	33.2	-42.2	338.2	338.2	-76.5	1.	0.0005	0.0011	0.0502	289.0	76.1
22611.	32.9	-42.4	340.6	340.6	-76.5	1.	0.0005	0.0011	0.0497	289.0	76.5
22701.	32.2	-42.4	342.8	342.8	-76.4	1.	0.0005	0.0011	0.0491	289.0	76.9
22763.	31.9	-42.2	344.4	344.4	-76.3	1.	0.0005	0.0011	0.0486	289.0	77.3
22826.	31.6	-42.2	346.6	346.6	-76.2	1.	0.0005	0.0011	0.0481	289.0	77.7
22892.	31.3	-42.2	348.0	348.0	-76.2	1.	0.0005	0.0011	0.0477	289.0	78.1
22955.	31.0	-42.2	348.0	348.0	-76.2	1.	0.0005	0.0011	0.0472	289.0	78.5

SOUNDING 22.0
 LATITUDE 11.35 LONGITUDE 3.3
 DATE 10-26-81 1141 1135 GMT
 NUMBER OF LEVELS 51

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3-RH0W (G/M+3)	RH0 (KG/M+3)	D1R (DEG)	SPEED (M/S)
0.	950.2	-2.0	348.0	348.0	-76.2	1.00	6.2346	4.9435	1.2009	325.0	4.5
19.	935.4	-2.0	348.0	348.0	-76.2	1.00	4.3201	3.9463	1.2003	325.0	4.5
39.	920.7	-1.1	348.0	348.0	-76.9	1.00	3.7764	3.0635	1.1910	324.8	4.5
59.	916.1	-2.7	348.0	348.0	-76.1	1.00	2.2036	2.3171	1.1823	324.8	4.5
79.	904.4	-3.7	348.0	348.0	-76.8	1.00	2.2751	1.6856	1.1779	324.0	4.1
99.	895.2	-5.0	348.0	348.0	-76.1	1.00	1.0074	1.2052	1.1616	324.0	4.1
119.	881.1	-5.0	348.0	348.0	-76.2	1.00	0.9455	0.9509	1.1491	324.0	4.1
139.	867.6	-6.0	348.0	348.0	-76.8	1.00	0.9488	0.4948	1.1616	324.0	4.1
159.	854.7	-6.0	348.0	348.0	-76.4	1.00	0.1707	1.1567	1.1286	324.0	4.1
179.	841.7	-7.0	348.0	348.0	-76.9	1.00	0.1191	0.1191	1.1120	324.0	4.1
199.	833.7	-7.0	348.0	348.0	-76.4	1.00	0.1056	0.1056	1.1082	324.0	4.1
219.	824.7	-7.0	348.0	348.0	-76.4	1.00	0.1181	0.4562	1.1082	324.0	4.1
239.	815.6	-7.0	348.0	348.0	-76.4	1.00	0.0740	0.4472	1.0764	324.0	4.1
259.	805.0	-6.0	348.0	348.0	-76.4	1.00	0.0720	0.6321	1.0566	324.0	4.1

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MM)	1E+3*RH0W (G/M+3)	RHO (KG/M+3)	D1R (DEG)	SPEED (M/S)
1395.	792.7	-9.9	7.9	7.9	-33.5	10.	0.2631	0.2379	1.0532	126.0	0.9
1496.	785.3	-10.3	8.5	8.5	-31.7	13.	0.3280	0.2871	1.0411	125.0	1.2
1596.	775.2	-10.8	9.2	9.3	-29.8	24.	0.5859	0.5133	1.0291	126.0	1.7
1695.	765.2	-10.8	10.0	10.2	-20.7	40.	0.9714	0.8337	1.0169	126.0	2.2
1795.	755.3	-11.2	10.7	10.8	-17.7	55.	1.2840	1.0893	1.0055	126.0	2.7
1895.	745.5	-11.4	11.5	11.5	-13.7	81.	1.8710	1.5625	0.9937	128.0	3.4
1995.	735.8	-12.1	11.8	12.1	-14.4	71.	1.7545	1.4632	0.9834	127.0	3.9
2095.	725.2	-12.7	12.7	12.4	-16.4	71.	1.4592	1.2314	0.9725	126.0	4.5
2195.	715.5	-13.2	13.4	13.4	-16.0	77.	1.5137	1.2754	0.9619	127.0	5.3
2295.	707.4	-13.6	13.6	13.6	-15.6	83.	1.5588	1.3199	0.9508	127.0	5.9
2395.	698.2	-13.9	14.1	14.3	-16.9	76.	1.3851	1.1714	0.9394	128.0	6.6
2495.	689.5	-14.1	15.0	15.2	-17.6	72.	1.2969	1.0998	0.9276	129.0	7.2
2594.	680.0	-14.5	15.6	15.8	-17.9	73.	1.2674	1.0758	0.9169	130.0	7.8
2694.	671.1	-15.3	15.6	16.0	-18.5	75.	1.1950	1.0169	0.9077	131.0	8.4
2791.	662.3	-16.0	16.1	16.3	-19.1	77.	1.1335	0.9666	0.8982	132.0	8.8
2891.	653.6	-16.5	16.6	16.8	-19.3	75.	1.1064	0.9444	0.8881	134.0	8.8
2993.	644.9	-16.9	17.3	17.5	-19.6	78.	1.0765	0.9203	0.8776	137.0	8.9
3093.	636.4	-17.1	18.2	18.4	-19.6	79.	1.0773	0.9206	0.8668	139.0	9.1
3192.	628.0	-17.6	18.7	18.9	-19.9	80.	1.0421	0.8918	0.8570	143.0	9.2
3292.	619.6	-18.5	18.5	19.0	-20.7	81.	1.0675	0.8538	0.8484	144.0	9.1
3392.	611.4	-19.0	19.3	19.5	-21.1	82.	1.0979	0.7978	0.8395	147.0	9.3
3493.	603.1	-19.2	19.3	19.6	-21.8	84.	0.8699	0.7499	0.8307	148.0	9.3
3593.	595.0	-19.4	19.7	19.9	-22.1	86.	0.8362	0.6972	0.8204	150.0	9.2
3692.	587.1	-21.2	19.9	19.9	-23.7	88.	0.6631	0.6613	0.8157	151.0	8.9
3792.	579.1	-22.4	20.1	20.3	-24.4	89.	0.7206	0.6260	0.8052	151.0	8.8
3892.	571.3	-23.2	20.1	20.3	-25.3	89.	0.6730	0.5863	0.7968	152.0	8.5
3991.	563.6	-24.2	20.1	20.6	-25.8	91.	0.6186	0.5407	0.7892	151.0	8.0
4092.	555.8	-24.9	20.4	20.9	-26.4	92.	0.5834	0.5111	0.7804	151.0	7.7
4190.	548.3	-25.6	21.3	21.4	-26.8	93.	0.5522	0.4849	0.7721	152.0	7.3
4291.	540.7	-26.1	21.3	21.6	-27.4	95.	0.5308	0.4669	0.7629	151.0	6.9
4391.	533.3	-26.9	21.6	22.2	-28.1	95.	0.4980	0.4391	0.7549	150.0	6.6
4491.	525.9	-27.6	21.9	22.5	-29.3	95.	0.4623	0.4088	0.7465	150.0	6.4
4591.	518.6	-28.4	22.1	22.8	-30.5	96.	0.4079	0.3626	0.7385	150.0	6.4
4691.	511.4	-29.0	22.5	23.0	-31.6	96.	0.3624	0.3236	0.7300	150.0	6.4
4791.	504.3	-30.7	22.5	23.0	-32.5	96.	0.3225	0.2893	0.7219	150.0	6.2
4890.	497.3	-32.0	23.1	23.1	-32.5	96.	0.2651	0.2651	0.7148	150.0	6.0
4991.	490.3	-31.5	23.1	23.1	-33.1	94.	0.2737	0.2471	0.7071	161.0	6.0

SOUNDING 23.0
 LATITUDE -61.2 LONGITUDE 3.1
 DATE 10-26-81 TIME 2339 GMT
 NUMBER OF LEVELS 413

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MM)	1E+3*RH0W (G/M+3)	RHO (KG/M+3)	D1R (DEG)	SPEED (M/S)
5.	954.2	-4.5	-0.9	-0.4	-5.1	95.	3.9998	3.2332	1.2405	130.0	3.0
46.	944.6	-4.2	-0.1	-0.3	-5.8	87.	3.7575	3.0457	1.2317	130.0	2.9
95.	942.8	-4.1	0.5	0.0	-6.3	83.	3.6153	2.9351	1.2237	133.0	3.0
141.	937.3	-4.2	0.8	1.2	-6.4	83.	3.5846	2.9115	1.2170	132.0	3.5
188.	931.7	-4.3	1.2	1.6	-6.2	85.	3.6398	2.9544	1.2102	133.0	3.9
235.	926.1	-4.4	1.6	2.0	-6.3	85.	3.6089	2.9304	1.2034	136.0	4.0
280.	920.8	-4.4	2.0	2.4	-6.7	82.	3.4815	2.8313	1.1964	135.0	4.1
328.	915.3	-4.3	2.6	3.0	-7.2	78.	3.3395	2.7210	1.1887	135.0	4.1
377.	909.6	-4.4	3.0	3.4	-7.3	78.	3.3115	2.6984	1.1817	136.0	4.2
424.	904.1	-4.7	3.1	3.5	-7.4	79.	3.2692	2.6659	1.1759	135.0	4.1
472.	898.6	-5.1	3.2	3.6	-7.7	80.	3.1993	2.6114	1.1704	135.0	4.1
514.	893.4	-5.4	3.4	3.7	-7.7	82.	3.1961	2.6088	1.1650	136.0	4.1
563.	888.3	-5.4	3.4	3.7	-7.8	84.	3.1634	2.5833	1.1600	137.0	4.1
609.	883.4	-6.1	3.5	3.9	-8.0	85.	3.1134	2.5039	1.1549	137.0	4.9
652.	878.2	-6.3	3.8	4.2	-8.2	85.	3.0659	2.5071	1.1490	137.0	4.8
700.	872.8	-6.5	4.1	4.4	-8.8	82.	2.9570	2.3826	1.1426	133.0	4.4
751.	867.1	-6.7	4.4	4.7	-9.7	77.	2.6829	2.2064	1.1359	132.0	4.0
802.	861.5	-6.8	4.8	5.1	-10.4	73.	2.5215	2.0793	1.1288	129.0	3.9
849.	856.3	-7.0	5.1	5.4	-10.9	71.	2.4102	1.9913	1.1228	129.0	4.0
894.	851.4	-7.4	5.1	5.4	-11.4	70.	2.2950	1.9001	1.1180	129.0	4.0
940.	846.3	-7.8	5.2	5.4	-11.7	71.	2.2480	1.8628	1.1129	131.0	4.1
985.	841.4	-8.2	5.2	5.5	-11.9	72.	2.2013	1.8257	1.1081	129.0	4.0
1034.	836.1	-8.6	5.3	5.6	-12.1	73.	2.1548	1.7888	1.1028	131.0	4.1
1085.	830.6	-9.1	5.3	5.6	-12.5	74.	2.0903	1.7375	1.0975	132.0	4.1
1137.	825.1	-9.6	5.4	5.8	-12.7	79.	2.1351	1.7731	1.0924	133.0	4.6
1187.	819.7	-10.1	5.5	5.9	-12.8	82.	2.1706	1.7011	1.0873	136.0	4.8
1235.	814.6	-10.5	5.2	5.5	-12.5	84.	2.0771	1.7210	1.0826	137.0	4.6
1286.	809.2	-10.8	5.6	5.8	-12.7	84.	2.0403	1.6977	1.0762	147.0	4.3
1337.	803.9	-10.9	6.0	6.2	-12.8	84.	2.0221	1.6832	1.0695	152.0	4.4
1388.	798.6	-11.0	6.4	6.7	-13.2	82.	1.9564	1.6307	1.0629	157.0	4.5
1445.	792.6	-11.2	6.3	7.0	-13.7	80.	1.8747	1.5655	1.0556	163.0	4.4
1501.	786.9	-11.3	7.3	7.5	-13.9	79.	1.8347	1.5335	1.0484	170.0	4.6
1552.	781.6	-11.5	7.6	7.8	-14.2	78.	1.7793	1.4890	1.0421	172.0	4.6
1602.	776.6	-11.7	7.9	8.1	-14.6	77.	1.7251	1.4456	1.0362	177.0	4.0
1649.	771.8	-11.4	8.2	8.4	-14.9	76.	1.6723	1.4032	1.0305	180.0	4.1
1700.	766.7	-12.1	8.5	8.7	-15.3	75.	1.6208	1.3617	1.0245	182.0	4.1
1751.	761.6	-12.3	8.8	9.0	-15.4	75.	1.5918	1.3384	1.0184	183.0	4.4
1803.	756.4	-12.4	9.2	9.5	-15.7	74.	1.5564	1.3098	1.0119	186.0	4.4
1853.	751.4	-12.4	9.5	10.0	-16.0	72.	1.5143	1.2759	1.0051	187.0	4.6
1901.	746.7	-12.5	10.2	10.4	-16.2	71.	1.4798	1.2460	0.9992	187.0	4.6
1950.	741.9	-12.7	10.5	10.7	-16.4	71.	1.4532	1.2265	0.9935	187.0	4.6
1997.	737.4	-13.0	10.6	10.9	-16.7	71.	1.4141	1.1949	0.9886	185.0	4.6
2043.	732.9	-13.3	10.8	11.0	-16.9	72.	1.3954	1.1797	0.9837	185.0	4.6
2090.	728.4	-13.5	11.1	11.3	-16.9	73.	1.3892	1.1747	0.9784	184.0	4.6
2139.	723.7	-13.4	11.7	11.9	-17.0	72.	1.3827	1.1695	0.9717	182.0	4.5
2187.	719.2	-13.2	12.5	12.7	-16.9	71.	1.3885	1.1742	0.9650	180.0	4.3
2233.	714.8	-13.3	13.0	13.2	-17.2	69.	1.3494	1.1424	0.9590	177.0	4.2
2282.	710.2	-13.3	13.4	13.6	-17.5	68.	1.3178	1.1168	0.9532	173.0	4.1
2329.	705.9	-13.5	13.7	13.9	-17.8	67.	1.2749	1.0819	0.9482	171.0	4.1
2375.	701.6	-13.7	13.9	14.1	-18.3	65.	1.2145	1.0327	0.9431	167.0	4.1
2419.	697.5	-13.9	14.2	14.4	-18.9	63.	1.1556	0.9848	0.9382	163.0	4.1
2462.	693.6	-14.3	14.4	14.5	-19.6	61.	1.0788	0.9298	0.9344	159.0	4.1
2506.	689.6	-14.6	14.7	14.8	-20.4	59.	1.0495	0.8978	0.9300	155.0	4.1
2554.	685.2	-14.6	14.9	15.1	-21.1	56.	0.9965	0.8543	0.9248	151.0	4.1
2599.	681.1	-15.0	15.4	15.6	-22.1	51.	0.9285	0.7984	0.9199	145.0	4.1
2646.	676.9	-15.0	15.4	15.6	-22.1	51.	0.8456	0.7298	0.9142	142.0	4.1
2692.	672.8	-15.1	15.8	15.9	-23.5	45.	0.7393	0.6416	0.9089	139.0	4.1
2740.	668.5	-15.3	16.1	16.2	-24.8	40.	0.6451	0.5629	0.9037	137.0	4.1
2788.	664.3	-15.6	16.3	16.4	-25.9	37.	0.5804	0.5086	0.8990	135.0	4.1
2836.	660.1	-16.0	16.4	16.5	-27.1	34.	0.5138	0.4525	0.8947	131.0	4.1
2884.	655.9	-16.3	16.6	16.7	-27.7	33.	0.4850	0.4281	0.8900	132.0	4.4

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3+RH0W (G/M+3)	RHO (KG/M+3)	D1R (DEC)	SPEED (M/S)
2933.	651.6	-16.6	16.8	16.9	-27.9	33.	0.4716	0.4167	0.8852	130.0	4.7
2977.	647.8	-16.9	16.9	17.0	-28.2	33.	0.4585	0.4057	0.8811	130.0	5.0
3023.	643.8	-17.1	17.2	17.3	-29.0	31.	0.4227	0.3752	0.8763	131.0	5.1
3072.	639.6	-17.4	17.4	17.5	-29.6	30.	0.3977	0.3539	0.8716	131.0	5.4
3121.	635.4	-17.9	17.4	17.5	-30.0	30.	0.3794	0.3382	0.8675	131.0	5.7
3168.	631.4	-18.3	17.5	17.5	-30.4	31.	0.3775	0.3366	0.8634	131.0	5.8
3213.	627.6	-18.6	17.6	17.7	-30.7	31.	0.3669	0.3275	0.8592	130.0	5.8
3257.	623.5	-19.0	17.7	17.7	-31.4	31.	0.3533	0.3158	0.8555	131.0	5.8
3304.	620.0	-19.4	17.7	17.8	-31.4	30.	0.3291	0.2950	0.8515	130.0	5.9
3353.	615.9	-19.8	17.8	17.9	-32.8	27.	0.2850	0.2569	0.8471	130.0	5.9
3400.	612.0	-20.1	18.0	18.0	-34.1	24.	0.2462	0.2232	0.8427	130.0	6.0
3450.	607.9	-20.4	18.2	18.2	-35.6	21.	0.2093	0.1909	0.8380	129.0	6.1
3499.	603.9	-20.6	18.3	18.3	-36.4	20.	0.1918	0.1755	0.8338	129.0	6.1
3544.	600.2	-21.3	18.2	18.3	-36.9	20.	0.1827	0.1676	0.8304	127.0	6.2
3596.	596.0	-21.8	18.2	18.3	-36.9	21.	0.1827	0.1676	0.8262	125.0	6.3
3645.	592.0	-22.2	18.3	18.4	-36.8	22.	0.1841	0.1688	0.8220	124.0	6.3
3695.	588.0	-22.6	18.4	18.5	-37.2	22.	0.1771	0.1626	0.8177	123.0	6.4
3746.	583.9	-23.0	18.6	18.6	-37.9	21.	0.1625	0.1497	0.8133	122.0	6.6
3794.	580.1	-23.4	18.6	18.7	-39.2	19.	0.1414	0.1309	0.8093	120.0	6.6
3842.	576.3	-23.8	18.7	18.7	-40.5	17.	0.1216	0.1132	0.8052	118.0	6.8
3891.	572.4	-24.1	18.9	18.9	-41.9	15.	0.1041	0.0976	0.8017	116.0	7.0
3940.	568.6	-24.4	19.1	19.1	-44.4	13.	0.0876	0.0826	0.7964	115.0	7.2
3988.	564.8	-24.7	19.3	19.3	-44.3	12.	0.0785	0.0743	0.7920	112.0	7.4
4039.	560.9	-25.1	19.4	19.5	-45.4	11.	0.0691	0.0658	0.7878	110.0	7.6
4088.	557.1	-25.4	19.7	19.7	-47.3	9.	0.0549	0.0527	0.7834	108.0	8.0
4137.	553.3	-25.8	19.8	19.8	-52.4	5.	0.0293	0.0287	0.7793	107.0	8.2
4187.	549.5	-26.2	19.9	19.9	-56.7	3.	0.0169	0.0169	0.7752	106.0	8.5
4235.	545.9	-26.5	20.1	20.1	-64.9	1.	0.0055	0.0057	0.7710	104.0	8.7
4281.	542.4	-26.8	20.2	20.2	-65.2	1.	0.0053	0.0055	0.7670	103.0	9.0
4329.	538.8	-27.3	20.2	20.2	-65.9	1.	0.0050	0.0053	0.7635	102.0	9.2
4376.	535.1	-27.6	20.2	20.2	-65.9	1.	0.0048	0.0050	0.7598	101.0	9.4
4429.	531.3	-28.3	20.2	20.2	-66.2	1.	0.0045	0.0048	0.7559	101.0	9.7
4478.	527.7	-28.8	20.3	20.3	-66.5	1.	0.0044	0.0046	0.7523	100.0	9.9
4526.	524.0	-29.4	20.4	20.4	-67.2	1.	0.0042	0.0044	0.7480	100.0	10.2
4581.	520.1	-29.9	20.4	20.4	-67.2	1.	0.0040	0.0042	0.7439	100.0	10.4
4632.	516.4	-30.0	20.5	20.5	-67.4	1.	0.0038	0.0040	0.7398	101.0	10.8
4683.	512.7	-30.4	20.6	20.6	-67.7	1.	0.0037	0.0039	0.7358	101.0	11.0
4733.	509.1	-30.6	20.7	20.7	-68.0	1.	0.0035	0.0037	0.7318	102.0	11.1
4785.	505.4	-31.3	20.7	20.7	-68.4	1.	0.0033	0.0035	0.7280	102.0	11.3
4835.	501.8	-31.8	20.7	20.7	-68.9	2.	0.0033	0.0035	0.7243	103.0	11.4
4888.	498.1	-32.3	20.8	20.8	-61.4	3.	0.0030	0.0032	0.7204	103.0	11.7
4941.	494.3	-32.7	20.9	20.9	-57.9	5.	0.0143	0.0144	0.7161	104.0	11.8
4993.	490.7	-33.2	21.0	21.0	-58.3	5.	0.0136	0.0137	0.7124	104.0	12.1
5049.	486.8	-33.7	21.0	21.0	-58.7	5.	0.0129	0.0130	0.7082	105.0	12.2
5101.	483.2	-34.2	21.1	21.1	-59.1	5.	0.0122	0.0124	0.7045	105.0	12.3
5154.	479.5	-34.6	21.1	21.1	-61.1	4.	0.0094	0.0096	0.7002	105.0	12.4
5204.	475.7	-35.1	21.1	21.1	-63.5	3.	0.0067	0.0069	0.6967	105.0	12.5
5254.	472.1	-35.5	21.3	21.3	-66.6	2.	0.0043	0.0045	0.6926	105.0	12.6
5307.	468.5	-35.8	21.5	21.5	-71.6	1.	0.0021	0.0022	0.6885	105.0	12.6
5359.	465.6	-36.3	21.5	21.5	-72.0	1.	0.0019	0.0021	0.6848	105.0	12.7
5414.	461.9	-36.8	21.5	21.5	-72.3	1.	0.0018	0.0020	0.6808	104.0	12.8
5466.	458.4	-37.3	21.6	21.6	-72.7	1.	0.0017	0.0019	0.6771	104.0	12.8
5521.	454.8	-37.7	21.7	21.7	-73.0	1.	0.0017	0.0018	0.6729	104.0	12.8
5574.	451.3	-38.1	21.9	21.9	-73.3	1.	0.0016	0.0017	0.6689	103.0	12.7
5626.	447.9	-38.5	22.0	22.0	-73.6	1.	0.0015	0.0017	0.6650	103.0	12.7
5676.	444.6	-38.9	22.1	22.1	-73.8	1.	0.0015	0.0016	0.6612	103.0	12.7
5727.	441.3	-39.4	22.1	22.1	-74.2	1.	0.0014	0.0015	0.6577	102.0	12.7
5777.	438.1	-39.9	22.1	22.1	-74.9	1.	0.0013	0.0014	0.6543	102.0	12.7
5835.	434.7	-40.3	22.2	22.2	-75.3	1.	0.0012	0.0013	0.6506	102.0	12.7
5887.	431.1	-40.5	22.2	22.2	-75.3	1.	0.0012	0.0013	0.6466	101.0	12.7
5942.	427.4	-41.1	22.3	22.3	-76.0	1.	0.0011	0.0012	0.6428	101.0	12.6
5999.	423.6	-41.5	22.5	22.5	-76.3	1.	0.0010	0.0011	0.6387	101.0	12.6
6053.	420.0	-42.3	22.5	22.5	-76.6	1.	0.0010	0.0011	0.6347	101.0	12.5
6107.	417.3	-42.7	22.6	22.6	-76.6	1.	0.0009	0.0010	0.6308	101.0	12.4
6160.	414.6	-43.3	22.9	22.9	-76.6	1.	0.0009	0.0010	0.6266	101.0	12.3
6213.	412.0	-43.5	22.9	22.9	-77.2	1.	0.0009	0.0010	0.6233	102.0	12.2
6263.	407.7	-43.9	23.1	23.1	-77.5	1.	0.0008	0.0009	0.6195	102.0	12.1
6321.	404.4	-44.4	23.1	23.1	-77.8	1.	0.0008	0.0009	0.6156	103.0	12.1
6375.	400.9	-44.9	23.2	23.2	-78.2	1.	0.0007	0.0008	0.6119	104.0	11.7
6434.	397.4	-45.4	23.3	23.3	-78.6	1.	0.0007	0.0008	0.6079	105.0	11.6
6489.	394.1	-45.9	23.3	23.3	-79.3	1.	0.0006	0.0007	0.6041	106.0	11.3
6542.	391.0	-46.4	23.4	23.4	-79.7	1.	0.0006	0.0007	0.6007	107.0	11.6
6594.	387.9	-46.6	23.4	23.4	-79.7	1.	0.0006	0.0006	0.5973	109.0	11.8
6647.	384.7	-47.1	23.4	23.4	-80.0	1.	0.0006	0.0006	0.5935	110.0	11.8
6693.	381.6	-47.7	23.7	23.7	-80.2	1.	0.0006	0.0006	0.5896	110.0	11.8
6758.	378.4	-48.1	23.9	23.9	-80.0	1.	0.0005	0.0006	0.5857	112.0	11.0
6839.	375.5	-48.5	24.0	24.0	-81.4	1.	0.0005	0.0005	0.5823	113.0	9.9
6861.	372.5	-48.9	24.2	24.2	-81.4	1.	0.0005	0.0005	0.5787	115.0	9.6
6909.	369.8	-49.3	24.3	24.3	-81.1	1.	0.0005	0.0005	0.5755	116.0	9.1
6959.	367.0	-49.7	24.4	24.4	-81.7	1.	0.0005	0.0005	0.5722	118.0	9.0
7014.	363.4	-50.0	24.4	24.4	-82.1	1.	0.0004	0.0004	0.5686	118.0	8.6
7078.	360.8	-50.7	24.5	24.5	-82.4	1.	0.0004	0.0004	0.5650	120.0	8.5
7124.	357.8	-50.9	24.5	24.5	-82.4	1.	0.0004	0.0004	0.5608	120.0	8.2
7182.	354.6	-51.1	24.5	24.5	-83.3	1.	0.0003	0.0004	0.5568	121.0	8.1
7237.	351.6	-51.2	24.5	24.5	-83.3	1.	0.0003	0.0004	0.5528	122.0	8.0
7295.	348.5	-51.7	24.6	24.6	-83.3	1.	0.0003	0.0004	0.5487	124.0	7.6
7347.	345.2	-52.2	24.6	24.6	-84.4	1.	0.0003	0.0003	0.5449	124.0	7.6
7403.	342.1	-52.7	24.6	24.6	-84.4	1.	0.0003	0.0003	0.5413	126.0	7.3
7458.	339.8	-53.1	24.6	24.6	-84.4	1.	0.0003	0.0003	0.5379	126.0	7.3
7510.	336.8	-53.4	24.6	24.6	-84.4	1.	0.0003	0.0003	0.5344	128.0	7.1
7572.	333.8	-54.1	24.6	24.6	-84.4	1.	0.0003	0.0003	0.5308	128.0	7.1
7622.	330.9	-54.4	24.6	24.6	-85.0	1.	0.0003	0.0003	0.5274	129.0	6.9
7666.	327.9	-55.0	24.6	24.6	-85.0	1.	0.0002	0.0002	0.5236	129.0	6.9
7743.	325.0	-55.5	24.6	24.6	-85.0	1.	0.0002	0.0002	0.5204	124.0	6.8
7799.	322.1	-56.6	24.6	24.6	-85.0	1.	0.0002	0.0002	0.5172	123.0	6.8
7857.	319.2	-57.7	24.6	24.6	-85.0	1.	0.0002	0.0002	0.5137	123.0	6.7
7915.	316.3	-58.7	24.6	24.6	-85.0	1.	0.0002	0.0002	0.5101	122.0	6.7
7975.	313.4	-59.8	24.6	24.6	-85.0	1.	0.0002	0.0002	0.5061	123.0	6.7
8024.	310.5	-60.9	24.6	24.6	-85.0	1.	0.0002	0.0002	0.5020	123.0	6.7
8076.	307.6	-61.9	24.6	24.6	-85.0	1.	0.0001	0.0001	0.4983	124.0	6.7
8147.	304.7	-62.9	24.6	24.6	-85.0	1.	0.0001	0.0001	0.4942	124.0	6.7
8207.	301.9	-63.9	24.6	24.6	-85.0	1.	0.0001	0.0001	0.4905	124.0	6.6
8267.	299.1	-64.9	24.6	24.6	-85.0	1.	0.0001	0.0001	0.4867	124.0	6.6
8335.	296.3	-65.9	24.6	24.6	-85.0	1.	0.0001	0.0001	0.48		

HEIGHT (M)	PRES (MM)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	F (MM)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
8691.	279.2	-61.7	31.3	31.3	-90.6	1.	0.0001	0.0001	0.4500	139.0	4.5
8754.	276.4	-61.4	32.6	32.6	-90.7	1.	0.0001	0.0001	0.4507	141.0	4.2
8815.	273.7	-61.3	33.6	33.6	-90.3	1.	0.0001	0.0001	0.4501	142.0	4.2
8860.	270.8	-61.3	34.5	34.5	-90.2	1.	0.0001	0.0001	0.4453	142.0	4.4
8948.	268.7	-61.1	35.3	35.3	-90.2	1.	0.0001	0.0001	0.4410	142.0	4.1
9057.	263.2	-61.1	37.3	37.3	-90.1	1.	0.0001	0.0001	0.4367	140.0	4.6
9111.	260.5	-61.1	38.1	38.1	-90.1	1.	0.0001	0.0001	0.4324	137.0	4.5
9171.	258.4	-61.0	39.1	39.1	-90.1	1.	0.0001	0.0001	0.4286	137.0	4.4
9234.	255.8	-61.0	40.0	40.0	-90.1	1.	0.0001	0.0001	0.4250	134.0	4.3
9295.	253.3	-61.0	40.9	40.9	-90.1	1.	0.0001	0.0001	0.4159	217.0	4.4
9354.	250.9	-61.0	41.7	41.7	-90.1	1.	0.0001	0.0001	0.4120	225.0	4.5
9413.	248.5	-60.9	42.9	42.9	-89.9	1.	0.0001	0.0001	0.4077	232.0	4.5
9473.	246.1	-60.8	44.1	44.1	-89.8	1.	0.0001	0.0001	0.4033	238.0	4.6
9529.	243.7	-60.4	45.2	45.2	-89.6	1.	0.0001	0.0001	0.3994	244.0	4.8
9586.	241.7	-60.2	46.2	46.2	-89.5	1.	0.0001	0.0001	0.3954	249.0	5.0
9645.	239.4	-60.3	47.7	47.7	-89.6	1.	0.0001	0.0001	0.3914	254.0	5.0
9708.	237.0	-60.6	48.4	48.4	-89.6	1.	0.0001	0.0001	0.3881	259.0	5.0
9771.	234.6	-60.7	49.2	49.2	-89.6	1.	0.0001	0.0001	0.3845	264.0	5.3
9835.	232.2	-60.4	49.4	49.4	-89.6	1.	0.0001	0.0001	0.3807	269.0	5.5
9900.	229.8	-60.9	50.8	50.8	-89.7	1.	0.0001	0.0001	0.3772	261.0	5.7
9962.	227.3	-60.9	51.7	51.7	-89.7	1.	0.0001	0.0001	0.3734	263.0	5.9
10022.	225.3	-60.9	52.7	52.7	-89.8	1.	0.0001	0.0001	0.3698	265.0	6.0
10078.	223.3	-60.7	53.6	53.6	-89.8	1.	0.0001	0.0001	0.3663	266.0	6.2
10128.	221.8	-60.8	54.9	54.9	-89.9	1.	0.0001	0.0001	0.3632	268.0	6.4
10178.	219.8	-60.8	55.7	55.7	-89.9	1.	0.0001	0.0001	0.3606	268.0	6.7
10224.	218.1	-60.7	56.6	56.6	-89.8	1.	0.0001	0.0001	0.3578	270.0	6.9
10270.	216.5	-60.6	57.4	57.4	-89.8	1.	0.0001	0.0001	0.3550	270.0	7.2
10316.	214.9	-60.6	58.1	58.1	-89.8	1.	0.0001	0.0001	0.3522	271.0	7.4
10365.	213.2	-60.5	59.0	59.0	-89.7	1.	0.0001	0.0001	0.3494	271.0	7.7
10412.	211.6	-60.5	59.7	59.7	-89.7	1.	0.0001	0.0001	0.3468	272.0	7.9
10462.	209.9	-60.5	60.4	60.4	-89.7	1.	0.0001	0.0001	0.3444	273.0	8.1
10516.	208.4	-60.5	61.1	61.1	-89.7	1.	0.0001	0.0001	0.3418	274.0	8.3
10554.	206.8	-60.5	61.9	61.9	-89.7	1.	0.0001	0.0001	0.3388	275.0	8.5
10603.	205.2	-60.4	62.8	62.8	-89.6	1.	0.0001	0.0001	0.3362	275.0	8.7
10654.	203.5	-60.4	63.3	63.3	-89.6	1.	0.0001	0.0001	0.3334	276.0	8.9
10700.	202.0	-60.4	63.8	63.8	-89.6	1.	0.0001	0.0001	0.3308	277.0	9.1
10747.	200.5	-60.1	64.8	64.8	-89.4	1.	0.0001	0.0001	0.3280	277.0	9.3
10797.	198.9	-60.1	65.5	65.5	-89.4	1.	0.0001	0.0001	0.3252	278.0	9.5
10847.	197.3	-60.2	66.2	66.2	-89.5	1.	0.0001	0.0001	0.3226	278.0	9.7
10893.	195.7	-60.4	67.3	67.3	-89.6	1.	0.0001	0.0001	0.3201	279.0	9.9
10943.	194.1	-60.5	67.5	67.5	-89.7	1.	0.0001	0.0001	0.3178	280.0	10.1
11000.	192.5	-60.5	68.0	68.0	-89.7	1.	0.0001	0.0001	0.3154	281.0	10.3
11055.	190.9	-60.7	68.5	68.5	-89.8	1.	0.0001	0.0001	0.3127	281.0	10.5
11109.	189.3	-60.7	69.3	69.3	-89.8	1.	0.0001	0.0001	0.3107	281.0	10.7
11147.	188.0	-60.6	70.2	70.2	-89.8	1.	0.0001	0.0001	0.3083	281.0	10.9
11194.	186.6	-60.4	71.3	71.3	-89.6	1.	0.0001	0.0001	0.3058	281.0	11.1
11244.	185.1	-60.4	72.0	72.0	-89.6	1.	0.0001	0.0001	0.3031	280.0	11.3
11291.	183.7	-60.4	72.8	72.8	-89.6	1.	0.0001	0.0001	0.3008	280.0	11.5
11339.	182.3	-60.4	73.6	73.6	-89.6	1.	0.0001	0.0001	0.2985	280.0	11.7
11390.	180.8	-60.4	74.2	74.2	-89.7	1.	0.0001	0.0001	0.2963	279.0	11.9
11438.	179.4	-60.5	75.0	75.0	-89.7	1.	0.0001	0.0001	0.2939	279.0	12.1
11487.	178.0	-60.6	75.6	75.6	-89.8	1.	0.0001	0.0001	0.2916	278.0	12.3
11536.	176.6	-60.6	76.4	76.4	-89.8	1.	0.0001	0.0001	0.2894	278.0	12.5
11586.	175.2	-60.6	77.2	77.2	-89.8	1.	0.0001	0.0001	0.2871	277.0	12.7
11635.	173.8	-60.6	78.2	78.2	-89.7	1.	0.0001	0.0001	0.2849	277.0	12.9
11686.	172.4	-60.5	78.9	78.9	-89.7	1.	0.0001	0.0001	0.2824	277.0	13.1
11733.	171.1	-60.5	79.6	79.6	-89.8	1.	0.0001	0.0001	0.2803	276.0	13.3
11780.	169.8	-60.6	80.3	80.3	-89.8	1.	0.0001	0.0001	0.2763	277.0	13.5
11828.	168.5	-60.7	80.9	80.9	-89.8	1.	0.0001	0.0001	0.2762	277.0	13.7
11872.	167.3	-60.8	81.4	81.4	-89.9	1.	0.0001	0.0001	0.2743	277.0	13.9
11917.	166.1	-60.8	82.2	82.2	-89.9	1.	0.0001	0.0001	0.2725	277.0	14.1
11966.	164.8	-60.6	83.0	83.0	-89.9	1.	0.0001	0.0001	0.2704	276.0	14.3
12011.	163.6	-60.9	83.5	83.5	-90.0	1.	0.0001	0.0001	0.2684	279.0	14.5
12053.	162.5	-60.9	84.3	84.3	-90.0	1.	0.0001	0.0001	0.2667	279.0	14.7
12099.	161.3	-60.8	85.2	85.2	-89.9	1.	0.0001	0.0001	0.2647	281.0	14.9
12145.	160.1	-60.7	86.2	86.2	-89.6	1.	0.0001	0.0001	0.2626	282.0	15.1
12196.	158.8	-60.7	87.1	87.1	-89.8	1.	0.0001	0.0001	0.2604	283.0	15.3
12243.	157.6	-60.5	87.9	87.9	-89.7	1.	0.0001	0.0001	0.2583	284.0	15.5
12291.	156.6	-60.5	89.0	89.0	-89.7	1.	0.0001	0.0001	0.2562	287.0	15.7
12342.	155.1	-60.4	89.9	89.9	-89.6	1.	0.0001	0.0001	0.2541	287.0	15.9
12391.	153.9	-60.2	91.1	91.1	-89.5	1.	0.0001	0.0001	0.2520	288.0	16.1
12439.	152.7	-59.9	92.4	92.4	-89.2	1.	0.0001	0.0001	0.2498	288.0	16.3
12489.	151.5	-59.8	93.5	93.5	-89.2	1.	0.0001	0.0001	0.2475	290.0	16.5
12542.	150.2	-59.7	94.5	94.5	-89.1	1.	0.0001	0.0001	0.2452	291.0	16.7
12592.	149.0	-59.7	95.4	95.4	-89.1	1.	0.0001	0.0001	0.2432	291.0	16.9
12643.	147.8	-59.7	96.2	96.2	-89.1	1.	0.0001	0.0001	0.2412	292.0	17.1
12694.	146.6	-59.4	97.3	97.3	-89.3	1.	0.0001	0.0001	0.2393	293.0	17.3
12741.	145.5	-59.4	97.9	97.9	-89.4	1.	0.0001	0.0001	0.2377	293.0	17.5
12788.	144.4	-59.1	98.6	98.6	-89.4	1.	0.0001	0.0001	0.2360	293.0	17.7
12831.	143.4	-59.9	99.4	99.4	-89.4	1.	0.0001	0.0001	0.2345	293.0	17.9
12875.	142.4	-60.1	99.4	99.4	-89.4	1.	0.0001	0.0001	0.2328	293.0	18.1
12923.	141.3	-60.0	101.4	101.4	-89.3	1.	0.0001	0.0001	0.2310	293.0	18.3
12972.	140.2	-60.0	102.1	102.1	-89.3	1.	0.0001	0.0001	0.2291	292.0	18.5
13020.	139.0	-59.9	103.2	103.2	-89.3	1.	0.0001	0.0001	0.2272	292.0	18.7
13070.	138.0	-59.9	103.9	103.9	-89.3	1.	0.0001	0.0001	0.2255	292.0	18.9
13120.	136.9	-59.9	104.7	104.7	-89.3	1.	0.0001	0.0001	0.2236	291.0	19.1
13170.	135.8	-59.9	105.6	105.6	-89.2	1.	0.0001	0.0001	0.2219	290.0	19.3
13217.	134.8	-59.9	106.5	106.5	-89.2	1.	0.0001	0.0001	0.2203	289.0	19.5
13258.	133.9	-59.8	107.8	107.8	-89.0	1.	0.0001	0.0001	0.2187	289.0	19.7
13305.	132.9	-59.6	108.6	108.6	-89.0	1.	0.0001	0.0001	0.2170	288.0	19.9
13357.	131.8	-59.6	109.6	109.6	-89.0	1.	0.0001	0.0001	0.2150	288.0	20.1
13404.	130.8	-59.5	110.6	110.6	-89.0	1.	0.0001	0.0001	0.2134	287.0	20.3
13452.	129.8	-59.3	111.7	111.7	-88.8	1.	0.0001	0.0001	0.2116	287.0	20.5
13505.	128.7	-59.3	112.6	112.6	-88.8	1.	0.0001	0.0001	0.2097	286.0	20.7
13549.	127.6	-59.3	113.4	113.4	-88.8	1.	0.0001	0.0001	0.2082	286.0	20.9
13598.	126.6	-59.3	114.3	114.3	-88.7	1.	0.0001	0.0001	0.2066	285.0	21.1
13643.	125.9	-59.2	115.4	115.4	-88.7	1.	0.0001	0.0001	0.2051	285.0	21.3
13698.	124.8	-59.0	116.8	116.8	-88.6	1.	0.0001	0.0001	0.2033	285.0	21.5
13748.	123.8	-58.9	117.9	117.9	-88.5	1.	0.0001	0.0001	0.2016	284.0	21.7
13804.	122.7	-58.9	118.8	118.8	-88.5	1.	0.0001	0.0001	0.1996	284.0	21.9
13855.	121.7	-58.9	119.6	119.6	-88.5	1.	0.0001	0.0001	0.1979	284.0	22.1
13907.	120.7	-58.8	120.7	120.7	-88.4	1.	0.0001	0.0001	0.1963	284.0	22.3
13954.	119.8	-58.8	121.6	121.6	-88.4	1.	0.0001	0.0001	0		

HEIGHT (M)	PRES (MP)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MM)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
14254.	114.2	-58.1	126.5	126.5	-87.9	1.	0.00031	0.00002	0.1850	294.0	21.3
14304.	113.3	-58.0	127.6	127.6	-87.8	1.	0.00031	0.00002	0.1834	294.0	21.3
14354.	112.4	-57.9	128.7	128.7	-87.7	1.	0.00031	0.00002	0.1819	295.0	21.6
14405.	111.5	-57.8	129.8	129.8	-87.7	1.	0.00031	0.00002	0.1804	295.0	21.9
14456.	110.6	-57.7	130.9	130.9	-87.6	1.	0.00031	0.00002	0.1788	295.0	22.2
14507.	109.7	-57.6	132.1	132.1	-87.5	1.	0.00031	0.00002	0.1773	296.0	22.4
14559.	108.8	-57.5	133.2	133.2	-87.4	1.	0.00031	0.00002	0.1758	296.0	22.6
14610.	107.9	-57.4	134.3	134.3	-87.4	1.	0.00031	0.00002	0.1744	296.0	22.8
14662.	107.0	-57.3	135.4	135.4	-87.4	1.	0.00031	0.00002	0.1731	296.0	23.0
14714.	106.1	-57.2	136.5	136.5	-87.4	1.	0.00031	0.00002	0.1716	297.0	23.2
14766.	105.2	-57.1	137.6	137.6	-87.4	1.	0.00031	0.00002	0.1703	296.0	23.4
14818.	104.3	-57.0	138.7	138.7	-87.4	1.	0.00031	0.00002	0.1689	296.0	23.6
14870.	103.4	-56.9	139.8	139.8	-87.3	1.	0.00031	0.00002	0.1675	296.0	23.7
14922.	102.5	-56.8	140.9	140.9	-87.2	1.	0.00031	0.00002	0.1661	296.0	23.9
14974.	101.6	-56.7	142.0	142.0	-87.1	1.	0.00031	0.00002	0.1647	296.0	24.3
15026.	100.7	-56.6	143.1	143.1	-87.0	1.	0.00031	0.00002	0.1635	296.0	24.5
15078.	99.8	-56.5	144.2	144.2	-86.9	1.	0.00031	0.00002	0.1621	296.0	24.7
15130.	98.9	-56.4	145.3	145.3	-86.8	1.	0.00031	0.00002	0.1607	296.0	25.0
15182.	98.0	-56.3	146.4	146.4	-86.7	1.	0.00031	0.00002	0.1595	296.0	25.3
15234.	97.1	-56.2	147.5	147.5	-86.6	1.	0.00031	0.00002	0.1581	296.0	25.7
15286.	96.2	-56.1	148.6	148.6	-86.5	1.	0.00031	0.00002	0.1568	296.0	26.1
15338.	95.3	-56.0	149.7	149.7	-86.4	1.	0.00031	0.00002	0.1554	296.0	26.4
15390.	94.4	-55.9	150.8	150.8	-86.3	1.	0.00031	0.00002	0.1541	296.0	26.7
15442.	93.5	-55.8	151.9	151.9	-86.3	1.	0.00031	0.00002	0.1530	295.0	27.0
15494.	92.6	-55.7	153.0	153.0	-86.3	1.	0.00031	0.00002	0.1516	295.0	27.3
15546.	91.7	-55.6	154.1	154.1	-86.3	1.	0.00031	0.00002	0.1503	296.0	27.7
15598.	90.8	-55.5	155.2	155.2	-86.3	1.	0.00031	0.00002	0.1490	295.0	28.0
15650.	89.9	-55.4	156.3	156.3	-86.2	1.	0.00031	0.00002	0.1478	295.0	28.3
15702.	89.0	-55.3	157.4	157.4	-86.2	1.	0.00031	0.00002	0.1467	295.0	28.6
15754.	88.1	-55.2	158.5	158.5	-86.1	1.	0.00031	0.00002	0.1453	295.0	28.8
15806.	87.2	-55.1	159.6	159.6	-86.0	1.	0.00031	0.00002	0.1441	295.0	29.1
15858.	86.3	-55.0	160.7	160.7	-85.9	1.	0.00031	0.00002	0.1427	295.0	29.4
15910.	85.4	-54.9	161.8	161.8	-85.8	1.	0.00031	0.00002	0.1415	295.0	29.7
15962.	84.5	-54.8	162.9	162.9	-85.7	1.	0.00031	0.00002	0.1402	295.0	30.0
16014.	83.6	-54.7	164.0	164.0	-85.6	1.	0.00031	0.00002	0.1391	295.0	30.3
16066.	82.7	-54.6	165.1	165.1	-85.5	1.	0.00031	0.00002	0.1379	294.0	30.6
16118.	81.8	-54.5	166.2	166.2	-85.4	1.	0.00031	0.00002	0.1368	294.0	30.9
16170.	80.9	-54.4	167.3	167.3	-85.3	1.	0.00031	0.00002	0.1356	293.0	31.2
16222.	80.0	-54.3	168.4	168.4	-85.2	1.	0.00031	0.00002	0.1345	293.0	31.5
16274.	79.1	-54.2	169.5	169.5	-85.1	1.	0.00031	0.00002	0.1335	293.0	31.8
16326.	78.2	-54.1	170.6	170.6	-85.0	1.	0.00031	0.00002	0.1326	293.0	32.1
16378.	77.3	-54.0	171.7	171.7	-84.9	1.	0.00031	0.00002	0.1315	293.0	32.4
16430.	76.4	-53.9	172.8	172.8	-84.8	1.	0.00031	0.00002	0.1305	293.0	32.7
16482.	75.5	-53.8	173.9	173.9	-84.7	1.	0.00031	0.00002	0.1295	293.0	33.0
16534.	74.6	-53.7	175.0	175.0	-84.6	1.	0.00031	0.00002	0.1285	293.0	33.3
16586.	73.7	-53.6	176.1	176.1	-84.5	1.	0.00031	0.00002	0.1274	293.0	33.6
16638.	72.8	-53.5	177.2	177.2	-84.4	1.	0.00031	0.00002	0.1264	293.0	33.9
16690.	71.9	-53.4	178.3	178.3	-84.3	1.	0.00031	0.00002	0.1253	293.0	34.2
16742.	71.0	-53.3	179.4	179.4	-84.2	1.	0.00031	0.00002	0.1242	293.0	34.5
16794.	70.1	-53.2	180.5	180.5	-84.1	1.	0.00031	0.00002	0.1233	293.0	34.8
16846.	69.2	-53.1	181.6	181.6	-84.0	1.	0.00031	0.00002	0.1223	293.0	35.1
16898.	68.3	-53.0	182.7	182.7	-83.9	1.	0.00031	0.00002	0.1214	293.0	35.4
16950.	67.4	-52.9	183.8	183.8	-83.8	1.	0.00031	0.00002	0.1204	293.0	35.7
17002.	66.5	-52.8	184.9	184.9	-83.7	1.	0.00031	0.00002	0.1195	293.0	36.0
17054.	65.6	-52.7	186.0	186.0	-83.6	1.	0.00031	0.00002	0.1184	293.0	36.3
17106.	64.7	-52.6	187.1	187.1	-83.5	1.	0.00031	0.00002	0.1176	293.0	36.6
17158.	63.8	-52.5	188.2	188.2	-83.4	1.	0.00031	0.00002	0.1168	293.0	36.9
17210.	62.9	-52.4	189.3	189.3	-83.3	1.	0.00031	0.00002	0.1151	293.0	37.2
17262.	62.0	-52.3	190.4	190.4	-83.2	1.	0.00031	0.00002	0.1144	293.0	37.5
17314.	61.1	-52.2	191.5	191.5	-83.1	1.	0.00031	0.00002	0.1135	293.0	37.8
17366.	60.2	-52.1	192.6	192.6	-83.0	1.	0.00031	0.00002	0.1125	293.0	38.1
17418.	59.3	-52.0	193.7	193.7	-82.9	1.	0.00031	0.00002	0.1115	293.0	38.4
17470.	58.4	-51.9	194.8	194.8	-82.8	1.	0.00031	0.00002	0.1106	293.0	38.7
17522.	57.5	-51.8	195.9	195.9	-82.7	1.	0.00031	0.00002	0.1096	293.0	39.0
17574.	56.6	-51.7	197.0	197.0	-82.6	1.	0.00031	0.00002	0.1086	293.0	39.3
17626.	55.7	-51.6	198.1	198.1	-82.5	1.	0.00031	0.00002	0.1079	293.0	39.6
17678.	54.8	-51.5	199.2	199.2	-82.4	1.	0.00031	0.00002	0.1072	293.0	39.9
17730.	53.9	-51.4	200.3	200.3	-82.3	1.	0.00031	0.00002	0.1062	293.0	40.2
17782.	53.0	-51.3	201.4	201.4	-82.2	1.	0.00031	0.00002	0.1054	293.0	40.5
17834.	52.1	-51.2	202.5	202.5	-82.1	1.	0.00031	0.00002	0.1044	293.0	40.8
17886.	51.2	-51.1	203.6	203.6	-82.0	1.	0.00031	0.00002	0.1034	293.0	41.1
17938.	50.3	-51.0	204.7	204.7	-81.9	1.	0.00031	0.00002	0.1026	293.0	41.4
17990.	49.4	-50.9	205.8	205.8	-81.8	1.	0.00031	0.00002	0.1016	293.0	41.7
18042.	48.5	-50.8	206.9	206.9	-81.7	1.	0.00031	0.00002	0.1008	293.0	42.0
18094.	47.6	-50.7	208.0	208.0	-81.6	1.	0.00031	0.00002	0.1000	293.0	42.3
18146.	46.7	-50.6	209.1	209.1	-81.5	1.	0.00031	0.00002	0.0991	293.0	42.6
18198.	45.8	-50.5	210.2	210.2	-81.4	1.	0.00031	0.00002	0.0983	293.0	42.9
18250.	44.9	-50.4	211.3	211.3	-81.3	1.	0.00031	0.00002	0.0974	293.0	43.2
18302.	44.0	-50.3	212.4	212.4	-81.2	1.	0.00031	0.00002	0.0966	293.0	43.5
18354.	43.1	-50.2	213.5	213.5	-81.1	1.	0.00031	0.00002	0.0956	293.0	43.8
18406.	42.2	-50.1	214.6	214.6	-81.0	1.	0.00031	0.00002	0.0948	293.0	44.1
18458.	41.3	-50.0	215.7	215.7	-80.9	1.	0.00031	0.00002	0.0938	293.0	44.4
18510.	40.4	-49.9	216.8	216.8	-80.8	1.	0.00031	0.00002	0.0933	293.0	44.7
18562.	39.5	-49.8	217.9	217.9	-80.7	1.	0.00031	0.00002	0.0922	293.0	45.0
18614.	38.6	-49.7	219.0	219.0	-80.6	1.	0.00031	0.00002	0.0916	293.0	45.3
18666.	37.7	-49.6	220.1	220.1	-80.5	1.	0.00031	0.00002	0.0909	293.0	45.6
18718.	36.8	-49.5	221.2	221.2	-80.4	1.	0.00031	0.00002	0.0900	293.0	45.9
18770.	35.9	-49.4	222.3	222.3	-80.3	1.	0.00031	0.00002	0.0894	293.0	46.2
18822.	35.0	-49.3	223.4	223.4	-80.2	1.	0.00031	0.00002	0.0886	293.0	46.5
18874.	34.1	-49.2	224.5	224.5	-80.1	1.	0.00031	0.00002	0.0878	293.0	46.8
18926.	33.2	-49.1	225.6	225.6	-80.0	1.	0.00031	0.00002	0.0869	293.0	47.1
18978.	32.3	-49.0	226.7	226.7	-79.9	1.	0.00031	0.00002	0.0861	293.0	47.4
19030.	31.4	-48.9	227.8	227.8	-79.8	1.	0.00031	0.00002	0.0852	293.0	47.7
19082.	30.5	-48.8	228.9	228.9	-79.7	1.	0.00031	0.00002	0.0844	293.0	48.0
19134.	29.6	-48.7	230.0	230.0	-79.6	1.	0.00031	0.00002	0.0835	293.0	48.3
19186.	28.7	-48.6	231.1	231.1	-79.5	1.	0.00031	0.00002	0.0826	293.0	48.6
19238.	27.8	-48.5	232.2	232.2	-79.4	1.	0.00031	0.00002	0.0818	293.0	48.9
19290.	26.9	-48.4	233.3	233.3	-79.3	1.	0.00031	0.00002	0.0809	293.0	49.2
19342.	26.0	-48.3	234.4	234.4	-79.2	1.	0.00031	0.00002	0.0800	293.0	49.5
19394.	25.1	-48.2	235.5	235.5	-79.1	1.	0.00031	0.00002	0.0792	293.0	49.8

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RH0W (G/M+3)	RHO (KG/M+3)	D1R (DEG)	SPEED (M/S)
20015.	46.6	-49.6	263.0	263.0	-81.8	1.	0.0004	0.0005	0.0727	296.0	48.7
20071.	46.2	-49.7	264.6	264.6	-81.7	1.	0.0004	0.0005	0.0720	296.0	49.1
20128.	45.8	-49.5	266.4	266.4	-81.6	1.	0.0004	0.0005	0.0713	296.0	49.3
20186.	45.4	-49.2	268.5	268.5	-81.5	1.	0.0004	0.0005	0.0706	296.0	49.7
20244.	45.0	-49.0	270.4	270.4	-81.2	1.	0.0004	0.0005	0.0699	296.0	50.0
20302.	44.6	-48.7	272.5	272.5	-81.0	1.	0.0005	0.0005	0.0692	296.0	50.3
20361.	44.2	-48.5	274.4	274.4	-80.8	1.	0.0005	0.0005	0.0685	297.0	50.6
20419.	43.9	-48.4	275.7	275.7	-80.8	1.	0.0005	0.0005	0.0680	297.0	50.8
20478.	43.5	-48.4	277.1	277.1	-80.8	1.	0.0005	0.0005	0.0674	297.0	51.0
20537.	43.1	-48.5	278.3	278.3	-80.8	1.	0.0005	0.0005	0.0668	297.0	51.2
20596.	42.7	-48.5	279.6	279.6	-80.8	1.	0.0005	0.0005	0.0662	297.0	51.4
20655.	42.3	-48.5	281.3	281.3	-80.8	1.	0.0005	0.0005	0.0656	297.0	51.6
20712.	41.9	-48.5	282.8	282.8	-80.8	1.	0.0005	0.0005	0.0650	297.0	51.9
20771.	41.5	-48.4	284.6	284.6	-80.8	1.	0.0005	0.0005	0.0643	297.0	52.0
20830.	41.1	-48.4	286.1	286.1	-80.8	1.	0.0005	0.0005	0.0637	298.0	52.1
20889.	40.8	-48.5	287.0	287.0	-80.8	1.	0.0005	0.0005	0.0633	297.0	51.6
20948.	40.4	-48.6	288.4	288.4	-80.8	1.	0.0005	0.0005	0.0627	297.0	51.9
21007.	40.0	-48.6	290.0	290.0	-80.8	1.	0.0005	0.0005	0.0621	297.0	52.0
21066.	39.7	-48.5	291.4	291.4	-80.8	1.	0.0005	0.0005	0.0616	297.0	52.0
21125.	39.3	-48.5	293.1	293.1	-80.8	1.	0.0005	0.0005	0.0610	297.0	52.0
21184.	39.0	-48.4	294.6	294.6	-80.8	1.	0.0005	0.0005	0.0605	297.0	49.1
21243.	38.7	-48.3	296.1	296.1	-80.7	1.	0.0005	0.0005	0.0600	297.0	48.8
21302.	38.3	-48.2	298.0	298.0	-80.6	1.	0.0005	0.0006	0.0593	297.0	47.2
21361.	38.0	-48.0	299.8	299.8	-80.5	1.	0.0005	0.0006	0.0588	297.0	48.8
21420.	37.7	-47.9	301.3	301.3	-80.4	1.	0.0005	0.0006	0.0583	297.0	49.9

SOUNDING 24.0
 LATITUDE -61.3 LONGITUDE 2.9
 DATE 10-27-81 TIME 1150 GMT
 NUMBER OF LEVELS 329

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RH0W (G/M+3)	RHO (KG/M+3)	D1R (DEG)	SPEED (M/S)
0.	961.8	-7.8	-4.8	-4.5	-9.5	86.	2.7242	2.2390	1.2649	180.0	12.0
50.	955.0	-8.5	-5.0	-4.7	-9.9	88.	2.6218	2.1584	1.2592	180.0	12.0
100.	948.6	-9.1	-5.1	-4.6	-10.3	90.	2.5435	2.0966	1.2536	182.0	12.3
150.	942.4	-9.6	-5.1	-4.8	-10.5	92.	2.4876	2.0525	1.2477	184.0	12.5
200.	936.3	-10.1	-5.1	-4.8	-10.8	94.	2.4314	2.0081	1.2420	185.0	12.7
250.	930.2	-10.6	-5.1	-4.9	-11.2	95.	2.3572	1.9439	1.2362	186.0	12.5
300.	923.9	-11.1	-5.1	-4.9	-11.8	94.	2.2738	1.8437	1.2300	187.0	12.3
350.	917.3	-11.6	-5.1	-4.8	-12.6	90.	2.0358	1.6941	1.2235	188.0	12.3
400.	910.8	-12.1	-5.0	-4.8	-14.0	84.	1.8164	1.5188	1.2162	188.0	11.8
450.	904.4	-12.6	-4.9	-4.6	-15.7	80.	1.6534	1.3887	1.2106	188.0	11.5
500.	898.3	-13.1	-4.7	-4.5	-16.4	77.	1.5487	1.3037	1.2037	189.0	11.1
550.	892.4	-13.6	-4.6	-4.4	-17.0	75.	1.4545	1.2276	1.1976	190.0	10.8
600.	886.4	-14.1	-4.5	-4.4	-17.5	74.	1.3817	1.1703	1.1913	190.0	10.5
650.	880.7	-14.6	-4.5	-4.4	-17.5	73.	1.3159	1.1153	1.1854	190.0	10.3
700.	874.9	-15.0	-4.5	-4.4	-17.2	74.	1.3462	1.1393	1.1772	190.0	10.2
750.	869.4	-15.5	-4.4	-4.3	-17.2	75.	1.3515	1.1445	1.1703	191.0	10.0
800.	863.7	-16.0	-4.3	-4.1	-17.3	76.	1.3450	1.1380	1.1635	192.0	9.8
850.	857.7	-16.5	-4.2	-4.0	-17.3	75.	1.4281	1.2062	1.1519	192.0	9.8
900.	851.8	-17.0	-4.1	-3.9	-17.3	75.	1.5357	1.2932	1.1406	194.0	9.7
950.	845.9	-17.5	-4.0	-3.8	-17.3	75.	1.6358	1.3859	1.1293	194.0	9.7
1000.	840.2	-18.0	-3.9	-3.7	-17.3	75.	1.7579	1.4711	1.1188	195.0	9.7
1050.	834.7	-18.5	-3.8	-3.6	-17.3	75.	1.8881	1.5762	1.1082	195.0	9.7
1100.	829.3	-19.0	-3.7	-3.5	-17.3	75.	1.8860	1.5761	1.1082	195.0	9.7
1150.	824.0	-19.5	-3.6	-3.4	-17.3	75.	1.8712	1.5627	1.0995	196.0	9.8
1200.	818.8	-20.0	-3.5	-3.3	-17.3	75.	1.8546	1.5494	1.0866	196.0	10.1
1250.	813.0	-20.5	-3.4	-3.2	-17.3	75.	1.8381	1.5362	1.0793	196.0	10.1
1300.	807.2	-21.0	-3.3	-3.1	-17.3	75.	1.8255	1.5101	1.0724	196.0	10.4
1350.	801.6	-21.5	-3.2	-3.0	-17.3	75.	1.8054	1.5100	1.0653	196.0	10.4
1400.	796.1	-22.0	-3.1	-2.9	-17.3	75.	1.7774	1.4843	1.0585	196.0	11.3
1450.	790.1	-22.5	-3.0	-2.8	-17.3	75.	1.7575	1.4716	1.0509	196.0	11.7
1500.	784.6	-23.0	-2.9	-2.7	-17.3	75.	1.7575	1.4716	1.0438	196.0	12.0
1550.	778.8	-23.5	-2.8	-2.6	-17.3	75.	1.7753	1.4842	1.0365	196.0	12.8
1600.	772.8	-24.0	-2.7	-2.5	-17.3	75.	1.7574	1.4716	1.0292	196.0	12.7
1650.	767.5	-24.5	-2.6	-2.4	-17.3	75.	1.7261	1.4464	1.0229	197.0	13.3
1700.	761.9	-25.0	-2.5	-2.3	-17.3	75.	1.6957	1.4217	1.0166	197.0	13.8
1750.	756.4	-25.5	-2.4	-2.2	-17.3	75.	1.6607	1.4009	1.0086	198.0	13.7
1800.	750.9	-26.0	-2.3	-2.1	-17.3	75.	1.6811	1.4095	1.0007	198.0	14.1
1850.	744.4	-26.5	-2.2	-2.0	-17.3	75.	1.6801	1.4094	0.9930	199.0	14.1
1900.	738.6	-27.0	-2.1	-1.9	-17.3	75.	1.6655	1.3973	0.9859	201.0	14.2
1950.	732.9	-27.5	-2.0	-1.8	-17.3	75.	1.6600	1.3853	0.9787	201.0	14.2
2000.	727.0	-28.0	-1.9	-1.7	-17.3	75.	1.6552	1.3733	0.9718	203.0	14.4
2050.	721.5	-28.5	-1.8	-1.6	-17.3	75.	1.6550	1.3498	0.9652	203.0	14.4
2100.	715.4	-29.0	-1.7	-1.5	-17.3	75.	1.5771	1.3266	0.9584	204.0	14.4
2150.	710.4	-29.5	-1.6	-1.4	-17.3	75.	1.5488	1.3037	0.9517	205.0	14.4
2200.	704.4	-30.0	-1.5	-1.3	-17.3	75.	1.5072	1.2702	0.9455	206.0	14.4
2250.	700.1	-30.5	-1.4	-1.2	-17.3	75.	1.4462	1.2169	0.9401	206.0	14.4
2300.	694.8	-31.0	-1.3	-1.1	-17.3	75.	1.3867	1.1742	0.9344	207.0	14.4
2350.	689.3	-31.5	-1.2	-1.0	-17.3	75.	1.3386	1.1336	0.9288	207.0	14.4
2400.	684.0	-32.0	-1.1	-0.9	-17.3	75.	1.2944	1.0944	0.9233	208.0	14.4
2450.	678.7	-32.5	-1.0	-0.8	-17.3	75.	1.2416	1.0564	0.9172	208.0	14.4
2500.	673.6	-33.0	-0.9	-0.7	-17.3	75.	1.1884	1.0194	0.9114	208.0	14.1
2550.	668.3	-33.5	-0.8	-0.6	-17.3	75.	1.1348	0.9844	0.9056	208.0	14.1
2600.	662.9	-34.0	-0.7	-0.5	-17.3	75.	1.1027	0.9411	0.9000	208.0	14.4
2650.	657.5	-34.5	-0.6	-0.4	-17.3	75.	1.0610	0.9088	0.8944	208.0	14.4
2700.	652.3	-35.0	-0.5	-0.3	-17.3	75.	1.0173	0.8681	0.8887	208.0	13.7
2750.	647.2	-35.5	-0.4	-0.2	-17.3	75.	0.9756	0.8373	0.8831	208.0	13.6
2800.	642.1	-36.0	-0.3	-0.1	-17.3	75.	0.9488	0.8144	0.8771	208.0	13.6
2850.	637.0	-36.5	-0.2	0.0	-17.3	75.	0.9221	0.7933	0.8712	208.0	13.6
2900.	631.8	-37.0	-0.1	0.1	-17.3	75.	0.8964	0.7717	0.8654	208.0	13.6
2950.	626.7	-37.5	0.0	0.2	-17.3	75.	0.8711	0.7509	0.8595	208.0	13.6
3000.	621.5	-38.0	0.1	0.3	-17.3	75.	0.8465	0.7306	0.8533	208.0	13.6
3050.	616.4	-38.5	0.2	0.4	-17.3	75.	0.8226	0.7104	0.8475	208.0	13.6
3100.	611.3	-39.0	0.3	0.5	-17.3	75.	0.7994	0.6915	0.8423	208.0	13.6
3150.	606.2	-39.5	0.4	0.6	-17.3	75.	0.7764	0.6728	0.8367	208.0	13.6
3200.	601.1	-40.0	0.5	0.7	-17.3	75.	0.7539	0.6544	0.8313	208.0	13.6
3250.	596.0	-40.5	0.6	0.8	-17.3	75.	0.7311	0.6366	0.8265	208.0	13.6
3300.	590.9	-41.0	0.7	0.9	-17.3	75.	0.7081	0.6191	0.8208	208.0	13.6
3350.	585.8	-41.5	0.8	1.0	-17.3	75.	0.6852	0.6027	0.8161	208.0	13.6
3400.	580.7	-42.0	0.9	1.1	-17.3	75.	0.6621	0.5863	0.8116	208.0	13.6
3450.	575.6	-42.5	1.0	1.2	-17.3	75.	0.6391	0.5707	0.8055	208.0	13.6
3500.	570.5	-43.0	1.1	1.3	-17.3	75.	0.6161	0.5553	0.8000	208.0	13.6
3550.	565.4	-43.5	1.2	1.4	-17.3	75.	0.5931	0.5401	0.7951	208.0	13.6
3600.	560.3	-44.0	1.3	1.5	-17.3	75.	0.5701	0.5251	0.7900	208.0	13.6

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RH0V (G/M+3)	RH0 (KG/M+3)	DIR (DEG)	SPEED (M/S)
4084	586.5	-2.4	20.4	20.4	-27.4	75.	0.5123	0.4411	0.7857	211.0	11.2
4144	586.5	-2.4	20.4	20.4	-27.4	75.	0.4766	0.4205	0.7808	211.0	11.1
4204	586.5	-2.4	20.4	20.4	-27.4	75.	0.4572	0.4046	0.7756	211.0	11.1
4264	586.5	-2.4	20.4	20.4	-27.4	75.	0.4438	0.3931	0.7702	211.0	11.1
4324	586.5	-2.4	20.4	20.4	-27.4	75.	0.4316	0.3819	0.7652	211.0	11.0
4384	586.5	-2.4	20.4	20.4	-27.4	75.	0.4204	0.3634	0.7608	211.0	11.0
4444	586.5	-2.4	20.4	20.4	-27.4	75.	0.4092	0.3432	0.7567	211.0	10.9
4504	586.5	-2.4	20.4	20.4	-27.4	75.	0.3980	0.3236	0.7523	211.0	10.9
4564	586.5	-2.4	20.4	20.4	-27.4	75.	0.3868	0.3041	0.7472	211.0	10.8
4624	586.5	-2.4	20.4	20.4	-27.4	75.	0.3756	0.2846	0.7422	211.0	10.7
4684	586.5	-2.4	20.4	20.4	-27.4	75.	0.3644	0.2651	0.7373	211.0	10.7
4744	586.5	-2.4	20.4	20.4	-27.4	75.	0.3532	0.2456	0.7325	211.0	10.7
4804	586.5	-2.4	20.4	20.4	-27.4	75.	0.3420	0.2261	0.7274	211.0	10.7
4864	586.5	-2.4	20.4	20.4	-27.4	75.	0.3308	0.2066	0.7227	211.0	10.6
4924	586.5	-2.4	20.4	20.4	-27.4	75.	0.3196	0.1871	0.7181	211.0	10.6
4984	586.5	-2.4	20.4	20.4	-27.4	75.	0.3084	0.1676	0.7134	211.0	10.5
5044	586.5	-2.4	20.4	20.4	-27.4	75.	0.2972	0.1481	0.7085	211.0	10.5
5104	586.5	-2.4	20.4	20.4	-27.4	75.	0.2860	0.1286	0.7037	211.0	10.4
5164	586.5	-2.4	20.4	20.4	-27.4	75.	0.2748	0.1091	0.6988	211.0	10.3
5224	586.5	-2.4	20.4	20.4	-27.4	75.	0.2636	0.0896	0.6939	211.0	10.3
5284	586.5	-2.4	20.4	20.4	-27.4	75.	0.2524	0.0701	0.6892	211.0	10.2
5344	586.5	-2.4	20.4	20.4	-27.4	75.	0.2412	0.0506	0.6845	211.0	10.1
5404	586.5	-2.4	20.4	20.4	-27.4	75.	0.2300	0.0311	0.6799	211.0	10.0
5464	586.5	-2.4	20.4	20.4	-27.4	75.	0.2188	0.0116	0.6754	211.0	9.9
5524	586.5	-2.4	20.4	20.4	-27.4	75.	0.2076	0.0000	0.6712	211.0	9.8
5584	586.5	-2.4	20.4	20.4	-27.4	75.	0.1964	0.0000	0.6671	211.0	9.8
5644	586.5	-2.4	20.4	20.4	-27.4	75.	0.1852	0.0000	0.6631	211.0	9.8
5704	586.5	-2.4	20.4	20.4	-27.4	75.	0.1740	0.0000	0.6591	211.0	9.8
5764	586.5	-2.4	20.4	20.4	-27.4	75.	0.1628	0.0000	0.6551	211.0	9.8
5824	586.5	-2.4	20.4	20.4	-27.4	75.	0.1516	0.0000	0.6511	211.0	9.8
5884	586.5	-2.4	20.4	20.4	-27.4	75.	0.1404	0.0000	0.6471	211.0	9.8
5944	586.5	-2.4	20.4	20.4	-27.4	75.	0.1292	0.0000	0.6431	211.0	9.8
6004	586.5	-2.4	20.4	20.4	-27.4	75.	0.1180	0.0000	0.6391	211.0	9.8
6064	586.5	-2.4	20.4	20.4	-27.4	75.	0.1068	0.0000	0.6351	211.0	9.8
6124	586.5	-2.4	20.4	20.4	-27.4	75.	0.0956	0.0000	0.6311	211.0	9.8
6184	586.5	-2.4	20.4	20.4	-27.4	75.	0.0844	0.0000	0.6271	211.0	9.8
6244	586.5	-2.4	20.4	20.4	-27.4	75.	0.0732	0.0000	0.6231	211.0	9.8
6304	586.5	-2.4	20.4	20.4	-27.4	75.	0.0620	0.0000	0.6191	211.0	9.8
6364	586.5	-2.4	20.4	20.4	-27.4	75.	0.0508	0.0000	0.6151	211.0	9.8
6424	586.5	-2.4	20.4	20.4	-27.4	75.	0.0396	0.0000	0.6111	211.0	9.8
6484	586.5	-2.4	20.4	20.4	-27.4	75.	0.0284	0.0000	0.6071	211.0	9.8
6544	586.5	-2.4	20.4	20.4	-27.4	75.	0.0172	0.0000	0.6031	211.0	9.8
6604	586.5	-2.4	20.4	20.4	-27.4	75.	0.0060	0.0000	0.5991	211.0	9.8
6664	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.5951	211.0	9.8
6724	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.5911	211.0	9.8
6784	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.5871	211.0	9.8
6844	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.5831	211.0	9.8
6904	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.5791	211.0	9.8
6964	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.5751	211.0	9.8
7024	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.5711	211.0	9.8
7084	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.5671	211.0	9.8
7144	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.5631	211.0	9.8
7204	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.5591	211.0	9.8
7264	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.5551	211.0	9.8
7324	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.5511	211.0	9.8
7384	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.5471	211.0	9.8
7444	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.5431	211.0	9.8
7504	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.5391	211.0	9.8
7564	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.5351	211.0	9.8
7624	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.5311	211.0	9.8
7684	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.5271	211.0	9.8
7744	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.5231	211.0	9.8
7804	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.5191	211.0	9.8
7864	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.5151	211.0	9.8
7924	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.5111	211.0	9.8
7984	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.5071	211.0	9.8
8044	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.5031	211.0	9.8
8104	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.4991	211.0	9.8
8164	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.4951	211.0	9.8
8224	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.4911	211.0	9.8
8284	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.4871	211.0	9.8
8344	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.4831	211.0	9.8
8404	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.4791	211.0	9.8
8464	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.4751	211.0	9.8
8524	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.4711	211.0	9.8
8584	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.4671	211.0	9.8
8644	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.4631	211.0	9.8
8704	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.4591	211.0	9.8
8764	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.4551	211.0	9.8
8824	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.4511	211.0	9.8
8884	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.4471	211.0	9.8
8944	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.4431	211.0	9.8
9004	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.4391	211.0	9.8
9064	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.4351	211.0	9.8
9124	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.4311	211.0	9.8
9184	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.4271	211.0	9.8
9244	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.4231	211.0	9.8
9304	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.4191	211.0	9.8
9364	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.4151	211.0	9.8
9424	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.4111	211.0	9.8
9484	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.4071	211.0	9.8
9544	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.4031	211.0	9.8
9604	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.4000	211.0	9.8
9664	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.3970	211.0	9.8
9724	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.3940	211.0	9.8
9784	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.3910	211.0	9.8
9844	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.3880	211.0	9.8
9904	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.3850	211.0	9.8
9964	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.3820	211.0	9.8
10020	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.3790	211.0	9.8
10076	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.3760	211.0	9.8
10132	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.3730	211.0	9.8
10188	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.3700	211.0	9.8
10244	586.5	-2.4	20.4	20.4	-27.4	75.	0.0000	0.0000	0.3670	211.0	9.8
10300											

HEIGHT (M)	PRES (HPS)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MM)	1E+3-RH0W (G/M+3)	R40 (KG/M+3)	DIR (DEG)	SPEED (M/S)
10742.	202.3	-61.2	61.2	61.2	-63.4	75.	0.0068	0.0079	1.3327	235.0	4.3
10802.	202.3	-61.2	61.2	61.2	-63.4	75.	0.0068	0.0079	1.3327	235.0	4.3
10862.	198.4	-61.1	61.1	61.1	-63.3	75.	0.0071	0.0071	1.3292	235.0	4.3
10922.	196.5	-61.1	61.1	61.1	-63.3	75.	0.0072	0.0072	1.3228	235.0	4.3
10982.	192.7	-61.1	61.1	61.1	-63.3	75.	0.0071	0.0071	1.3203	235.0	4.3
11042.	191.2	-61.1	61.1	61.1	-63.3	75.	0.0072	0.0072	1.3169	235.0	4.3
11102.	187.3	-61.1	61.1	61.1	-63.3	75.	0.0071	0.0071	1.3141	235.0	4.3
11162.	185.7	-61.1	61.1	61.1	-63.3	75.	0.0072	0.0072	1.3108	235.0	4.3
11222.	185.9	-61.7	70.4	70.4	-62.8	75.	0.0074	0.0074	1.3079	235.0	4.3
11282.	183.2	-61.7	71.4	71.4	-62.7	75.	0.0077	0.0077	1.3019	235.0	4.3
11342.	182.6	-61.7	72.5	72.5	-62.5	75.	0.0074	0.0074	1.2991	235.0	4.3
11402.	181.5	-61.7	73.4	73.4	-62.6	75.	0.0076	0.0076	1.2964	235.0	4.3
11462.	177.3	-61.7	74.4	74.4	-62.5	75.	0.0078	0.0078	1.2937	235.0	4.3
11522.	177.6	-61.7	75.3	75.3	-62.5	75.	0.0078	0.0078	1.2909	235.0	4.3
11582.	174.7	-61.7	76.3	76.3	-62.4	75.	0.0077	0.0077	1.2882	235.0	4.3
11642.	172.1	-61.7	77.3	77.3	-62.4	75.	0.0076	0.0076	1.2854	235.0	4.3
11702.	165.5	-61.7	78.3	78.3	-62.4	75.	0.0078	0.0078	1.2827	235.0	4.3
11762.	165.1	-61.7	79.3	79.3	-62.4	75.	0.0078	0.0078	1.2800	235.0	4.3
11822.	166.7	-61.7	80.3	80.3	-62.4	75.	0.0078	0.0078	1.2776	235.0	4.3
11882.	165.2	-61.7	81.3	81.3	-62.4	75.	0.0078	0.0078	1.2751	235.0	4.3
11942.	165.7	-61.7	82.3	82.3	-62.4	75.	0.0078	0.0078	1.2728	235.0	4.3
12002.	165.2	-61.7	83.3	83.3	-62.4	75.	0.0078	0.0078	1.2704	235.0	4.3
12062.	165.7	-61.7	84.3	84.3	-62.4	75.	0.0078	0.0078	1.2678	235.0	4.3
12122.	162.2	-61.7	85.3	85.3	-62.4	75.	0.0078	0.0078	1.2653	235.0	4.3
12182.	162.7	-61.7	86.3	86.3	-62.4	75.	0.0078	0.0078	1.2629	235.0	4.3
12242.	157.8	-61.7	87.3	87.3	-62.4	75.	0.0078	0.0078	1.2603	235.0	4.3
12302.	156.3	-61.7	88.3	88.3	-62.4	75.	0.0078	0.0078	1.2578	235.0	4.3
12362.	154.8	-61.7	89.3	89.3	-62.4	75.	0.0078	0.0078	1.2553	235.0	4.3
12422.	154.3	-61.7	90.3	90.3	-62.4	75.	0.0078	0.0078	1.2528	235.0	4.3
12482.	153.8	-61.7	91.3	91.3	-62.4	75.	0.0078	0.0078	1.2503	235.0	4.3
12542.	153.3	-61.7	92.3	92.3	-62.4	75.	0.0078	0.0078	1.2478	235.0	4.3
12602.	148.1	-61.7	93.3	93.3	-62.4	75.	0.0078	0.0078	1.2453	235.0	4.3
12662.	146.8	-61.7	94.3	94.3	-62.4	75.	0.0078	0.0078	1.2428	235.0	4.3
12722.	146.4	-61.7	95.3	95.3	-62.4	75.	0.0078	0.0078	1.2403	235.0	4.3
12782.	145.4	-61.7	96.3	96.3	-62.4	75.	0.0078	0.0078	1.2378	235.0	4.3
12842.	144.1	-61.7	97.3	97.3	-62.4	75.	0.0078	0.0078	1.2353	235.0	4.3
12902.	142.8	-61.7	98.3	98.3	-62.4	75.	0.0078	0.0078	1.2328	235.0	4.3
12962.	141.5	-61.7	99.3	99.3	-62.4	75.	0.0078	0.0078	1.2303	235.0	4.3
13022.	140.2	-61.7	100.3	100.3	-62.4	75.	0.0078	0.0078	1.2278	235.0	4.3
13082.	138.9	-61.7	101.3	101.3	-62.4	75.	0.0078	0.0078	1.2253	235.0	4.3
13142.	137.6	-61.7	102.3	102.3	-62.4	75.	0.0078	0.0078	1.2228	235.0	4.3
13202.	136.3	-61.7	103.3	103.3	-62.4	75.	0.0078	0.0078	1.2203	235.0	4.3
13262.	135.0	-61.7	104.3	104.3	-62.4	75.	0.0078	0.0078	1.2178	235.0	4.3
13322.	133.7	-61.7	105.3	105.3	-62.4	75.	0.0078	0.0078	1.2153	235.0	4.3
13382.	131.5	-61.7	106.3	106.3	-62.4	75.	0.0078	0.0078	1.2128	235.0	4.3
13442.	130.4	-61.7	107.3	107.3	-62.4	75.	0.0078	0.0078	1.2103	235.0	4.3
13502.	129.2	-61.7	108.3	108.3	-62.4	75.	0.0078	0.0078	1.2078	235.0	4.3
13562.	128.0	-61.7	109.3	109.3	-62.4	75.	0.0078	0.0078	1.2053	235.0	4.3
13622.	126.8	-61.7	110.3	110.3	-62.4	75.	0.0078	0.0078	1.2028	235.0	4.3
13682.	125.5	-61.7	111.3	111.3	-62.4	75.	0.0078	0.0078	1.2003	235.0	4.3
13742.	124.3	-61.7	112.3	112.3	-62.4	75.	0.0078	0.0078	1.1978	235.0	4.3
13802.	123.1	-61.7	113.3	113.3	-62.4	75.	0.0078	0.0078	1.1953	235.0	4.3
13862.	121.9	-61.7	114.3	114.3	-62.4	75.	0.0078	0.0078	1.1928	235.0	4.3
13922.	120.7	-61.7	115.3	115.3	-62.4	75.	0.0078	0.0078	1.1903	235.0	4.3
13982.	119.5	-61.7	116.3	116.3	-62.4	75.	0.0078	0.0078	1.1878	235.0	4.3
14042.	118.3	-61.7	117.3	117.3	-62.4	75.	0.0078	0.0078	1.1853	235.0	4.3
14102.	117.1	-61.7	118.3	118.3	-62.4	75.	0.0078	0.0078	1.1828	235.0	4.3
14162.	115.9	-61.7	119.3	119.3	-62.4	75.	0.0078	0.0078	1.1803	235.0	4.3
14222.	114.7	-61.7	120.3	120.3	-62.4	75.	0.0078	0.0078	1.1778	235.0	4.3
14282.	113.5	-61.7	121.3	121.3	-62.4	75.	0.0078	0.0078	1.1753	235.0	4.3
14342.	112.3	-61.7	122.3	122.3	-62.4	75.	0.0078	0.0078	1.1728	235.0	4.3
14402.	111.1	-61.7	123.3	123.3	-62.4	75.	0.0078	0.0078	1.1703	235.0	4.3
14462.	109.9	-61.7	124.3	124.3	-62.4	75.	0.0078	0.0078	1.1678	235.0	4.3
14522.	108.7	-61.7	125.3	125.3	-62.4	75.	0.0078	0.0078	1.1653	235.0	4.3
14582.	107.5	-61.7	126.3	126.3	-62.4	75.	0.0078	0.0078	1.1628	235.0	4.3
14642.	106.3	-61.7	127.3	127.3	-62.4	75.	0.0078	0.0078	1.1603	235.0	4.3
14702.	105.1	-61.7	128.3	128.3	-62.4	75.	0.0078	0.0078	1.1578	235.0	4.3
14762.	103.9	-61.7	129.3	129.3	-62.4	75.	0.0078	0.0078	1.1553	235.0	4.3
14822.	102.7	-61.7	130.3	130.3	-62.4	75.	0.0078	0.0078	1.1528	235.0	4.3
14882.	101.5	-61.7	131.3	131.3	-62.4	75.	0.0078	0.0078	1.1503	235.0	4.3
14942.	100.3	-61.7	132.3	132.3	-62.4	75.	0.0078	0.0078	1.1478	235.0	4.3
15002.	99.1	-61.7	133.3	133.3	-62.4	75.	0.0078	0.0078	1.1453	235.0	4.3
15062.	97.9	-61.7	134.3	134.3	-62.4	75.	0.0078	0.0078	1.1428	235.0	4.3
15122.	96.7	-61.7	135.3	135.3	-62.4	75.	0.0078	0.0078	1.1403	235.0	4.3
15182.	95.5	-61.7	136.3	136.3	-62.4	75.	0.0078	0.0078	1.1378	235.0	4.3
15242.	94.3	-61.7	137.3	137.3	-62.4	75.	0.0078	0.0078	1.1353	235.0	4.3
15302.	93.1	-61.7	138.3	138.3	-62.4	75.	0.0078	0.0078	1.1328	235.0	4.3
15362.	91.9	-61.7	139.3	139.3	-62.4	75.	0.0078	0.0078	1.1303	235.0	4.3
15422.	90.7	-61.7	140.3	140.3	-62.4	75.	0.0078	0.0078	1.1278	235.0	4.3
15482.	89.5	-61.7	141.3	141.3	-62.4	75.	0.0078	0.0078	1.1253	235.0	4.3
15542.	88.3	-61.7	142.3	142.3	-62.4	75.	0.0078	0.0078	1.1228	235.0	4.3
15602.	87.1	-61.7	143.3	143.3	-62.4	75.	0.0078	0.0078	1.1203	235.0	4.3
15662.	85.9	-61.7	144.3	144.3	-62.4	75.	0.0078	0.0078	1.1178	235.0	4.3
15722.	84.7	-61.7	145.3	145.3	-62.4	75.	0.0078	0.0078	1.1153	235.0	4.3
15782.	83.5	-61.7	146.3	146.3	-62.4	75.	0.0078	0.0078	1.1128	235.0	4.3
15842.	82.3	-61.7	147.3	147.3	-62.4	75.	0.0078	0.0078	1.1103	235.0	4.3
15902.	81.1	-61.7	148.3	148.3	-62.4	75.	0.0078	0.0078	1.1078	235.0	4.3
15962.	79.9	-61.7	149.3	149.3	-62.4	75.	0.0078	0.0078	1.1053	235.0	4.3
16022.	78.7	-61.7	150.3	150.3	-62.4	75.	0.0078	0.0078	1.1028	235.0	4.3
16082.	77.5	-61.7	151.3	151.3	-62.4	75.	0.0078	0.0078	1.1003	235.0	4.3
16142.	76.3	-61.7	152.3	152.3	-62.4	75.	0.0078	0.0078	1.0978	235.0	4.3
16202.	75.1	-61.7	153.3	153.3	-62.4	75.	0.0078	0.0078	1.0953	235.0	4.3
16262.	73.9	-61.7	154.3	154.3	-62.4	75.	0.0078	0.0078	1.0928	235.0	4.3
16322.	72.7	-61.7	155.3	155.3	-62.4	75.	0.0078	0.0078	1.0903	235.0	4.3
16382.	71.5	-61.7	156.3	156.3	-62.4	75.	0.0078	0.0078	1.0878	235.0	4.3
16442.	70.3	-61.7	157.3	157.3	-62.4	75.	0.0078	0.0078	1.0853	235.0	4.3
16502.	69.1	-61.7	158.3	158.3	-62.4	75.	0.0078	0.0078	1.0828	235.0	4.3
16562.	67.9	-61.7	159.3	159.3	-62.4	75.	0.0078	0.0078	1.0803	235.0	4.3
16622.	66.7	-61.7	160.3	160.3	-62.4	75.	0.0078	0.0078	1.0778	235.0	4.3
16682.	65.5	-61.7	161.3	161.3	-62.4	75.	0.0078	0.0078	1.0753	235.0	4.3
16742.	64.3	-61.7	162.3	162.3	-62.4	75.	0.0078	0.0078	1.0728	235.0	4.3
16802.	63.1	-61.7	163.3	163.3	-62.4	75.	0.0078	0.0078	1.		

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RH0W (G/M**3)	RH0 (KG/M**3)	D1R (DEG)	SPEED (M/S)
17150.	72.7	-55.1	187.9	187.9	-57.3	75.	0.0155	0.0156	0.1162	295.0	30.2
17212.	72.0	-54.6	189.8	189.8	-57.0	75.	0.0161	0.0162	0.1149	295.0	30.5
17274.	71.3	-54.6	191.5	191.5	-56.8	75.	0.0165	0.0166	0.1137	295.0	30.8
17328.	70.7	-54.3	193.3	193.3	-56.5	75.	0.0172	0.0172	0.1126	295.0	30.9
17392.	70.0	-54.0	195.2	195.3	-56.2	75.	0.0179	0.0179	0.1113	295.0	31.0
17456.	69.3	-53.7	197.2	197.3	-55.9	75.	0.0186	0.0185	0.1100	295.0	31.1
17521.	68.6	-53.4	199.2	199.3	-55.6	75.	0.0193	0.0192	0.1088	295.0	31.3
17587.	67.9	-53.2	201.1	201.1	-55.4	75.	0.0198	0.0197	0.1076	295.0	31.5
17644.	67.3	-53.1	202.5	202.5	-55.3	75.	0.0200	0.0199	0.1066	295.0	31.8
17712.	66.6	-53.0	204.1	204.2	-55.2	75.	0.0203	0.0202	0.1054	295.0	31.9
17780.	65.9	-52.8	205.7	205.8	-55.0	75.	0.0208	0.0207	0.1042	295.0	32.2
17849.	65.2	-52.7	207.7	207.7	-54.9	75.	0.0211	0.0209	0.1031	295.0	32.4
17908.	64.6	-52.6	209.2	209.2	-54.9	75.	0.0214	0.0212	0.1021	296.0	32.6
17968.	64.0	-52.5	210.7	210.7	-54.6	75.	0.0216	0.0215	0.1011	296.0	32.8
18039.	63.3	-52.6	212.0	212.0	-54.9	75.	0.0214	0.0212	0.1000	296.0	33.2
18101.	62.7	-52.6	213.4	213.4	-54.9	75.	0.0214	0.0212	0.0991	296.0	33.5
18163.	62.1	-52.6	214.6	214.7	-54.9	75.	0.0214	0.0212	0.0981	296.0	33.7
18236.	61.4	-52.5	216.5	216.5	-54.8	75.	0.0216	0.0215	0.0970	297.0	34.2
18299.	60.8	-52.4	218.1	218.1	-54.7	75.	0.0219	0.0217	0.0960	297.0	34.5
18363.	60.2	-52.3	219.6	219.7	-54.6	75.	0.0222	0.0220	0.0950	298.0	35.1
18439.	59.9	-52.1	221.7	221.6	-54.4	75.	0.0223	0.0225	0.0938	298.0	35.5
18504.	59.3	-51.8	223.9	223.9	-54.1	75.	0.0236	0.0234	0.0927	298.0	35.9
18571.	58.6	-51.6	225.6	225.6	-53.7	75.	0.0242	0.0239	0.0917	299.0	36.4
18636.	57.9	-51.5	227.4	227.4	-53.8	75.	0.0245	0.0245	0.0899	299.0	36.8
18694.	57.2	-51.5	230.2	230.3	-53.8	75.	0.0245	0.0242	0.0890	299.0	37.1
18762.	56.6	-51.4	231.7	231.3	-53.7	75.	0.0248	0.0245	0.0882	299.0	37.4
18820.	56.1	-51.2	233.7	233.8	-53.5	75.	0.0255	0.0251	0.0871	299.0	37.7
18890.	55.5	-51.1	235.7	235.6	-53.4	75.	0.0258	0.0254	0.0862	299.0	37.9
18960.	54.9	-51.0	237.4	237.5	-53.3	75.	0.0261	0.0257	0.0852	300.0	38.2
19032.	54.3	-50.8	239.2	239.3	-53.1	75.	0.0266	0.0264	0.0843	300.0	38.5
19092.	53.8	-50.7	241.1	241.2	-53.0	75.	0.0271	0.0267	0.0833	300.0	38.8
19165.	53.2	-50.6	242.7	242.8	-52.9	75.	0.0274	0.0270	0.0825	300.0	39.0
19226.	52.7	-50.5	244.3	244.4	-52.8	75.	0.0278	0.0273	0.0817	300.0	39.4
19286.	52.2	-50.5	245.7	245.8	-52.8	75.	0.0278	0.0273	0.0809	299.0	39.8
19351.	51.7	-50.4	247.2	247.3	-52.7	75.	0.0281	0.0273	0.0801	299.0	39.9
19414.	51.2	-50.4	248.9	249.0	-52.7	75.	0.0281	0.0277	0.0793	299.0	37.5
19478.	50.7	-50.3	250.4	251.0	-52.6	75.	0.0285	0.0280	0.0783	299.0	36.9

SOUNDING 25.0
 LATITUDE -61.4 LONGITUDE 2.8
 DATE 13-27-81 TIME 2337 GMT
 NUMBER OF LEVELS 455

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RH0W (G/M**3)	RH0 (KG/M**3)	D1R (DEG)	SPEED (M/S)
56.	968.2	-12.0	-9.6	-9.4	-12.6	95.	2.0733	1.7240	1.2933	200.0	9.0
56.1	961.2	-12.0	-7.5	-7.4	-14.3	71.	1.7725	1.4836	1.2763	200.0	8.9
113.	954.1	-11.0	-7.5	-7.3	-14.5	73.	1.7428	1.4598	1.2693	199.0	9.5
170.	947.0	-11.5	-7.4	-7.2	-14.8	74.	1.6892	1.4168	1.2622	199.0	10.2
228.	939.6	-12.1	-7.4	-7.3	-15.3	75.	1.6220	1.3627	1.2555	198.0	10.5
283.	933.0	-12.6	-7.4	-7.2	-15.6	76.	1.5700	1.3216	1.2488	198.0	10.8
340.	926.1	-13.1	-7.3	-7.2	-15.9	77.	1.5210	1.2813	1.2419	198.0	10.8
395.	919.4	-13.6	-7.3	-7.1	-16.2	77.	1.4909	1.2511	1.2352	197.0	10.9
451.	912.7	-14.1	-7.3	-7.1	-16.5	80.	1.4423	1.2177	1.2286	197.0	10.7
509.	906.0	-14.6	-7.3	-7.3	-16.8	81.	1.3609	1.1897	1.2217	197.0	10.6
559.	899.7	-15.1	-7.1	-7.3	-17.1	62.	1.3115	1.1518	1.2153	197.0	10.4
616.	893.0	-15.4	-6.9	-6.8	-17.5	82.	1.2637	1.1117	1.2080	196.0	10.1
671.	886.4	-15.8	-6.8	-6.6	-17.9	82.	1.2128	1.0728	1.2009	196.0	9.9
725.	880.1	-16.2	-6.7	-6.5	-18.4	81.	1.1627	1.0331	1.1942	196.0	9.8
777.	874.0	-16.7	-6.6	-6.5	-18.9	81.	1.1479	0.9784	1.1882	196.0	9.7
828.	868.1	-15.3	-4.7	-4.5	-17.4	82.	1.3235	1.1215	1.1739	195.0	10.2
878.	862.4	-13.8	-2.6	-2.4	-16.1	81.	1.5007	1.2649	1.1596	194.0	10.3
932.	856.3	-12.3	-0.5	-0.3	-14.7	80.	1.6985	1.4243	1.1450	192.0	10.6
988.	850.1	-12.0	0.5	0.5	-14.7	79.	1.7078	1.4317	1.1359	192.0	10.9
1043.	843.9	-12.0	1.0	1.2	-14.9	77.	1.6796	1.4091	1.1271	191.0	10.9
1098.	837.9	-12.0	1.5	1.7	-15.0	76.	1.6576	1.3915	1.1191	190.0	11.0
1148.	832.3	-12.2	1.8	2.0	-15.2	76.	1.6281	1.3676	1.1125	190.0	11.1
1206.	826.1	-12.6	2.1	2.3	-15.7	76.	1.5445	1.3325	1.1054	190.0	11.3
1262.	820.0	-13.0	2.5	2.7	-15.7	78.	1.5482	1.3032	1.0991	190.0	11.4
1313.	814.6	-13.4	2.8	3.0	-15.8	79.	1.5456	1.3029	1.0929	190.0	11.5
1366.	809.0	-13.4	3.0	3.0	-16.0	79.	1.5177	1.2766	1.0863	190.0	11.5
1420.	803.2	-13.5	3.3	3.5	-16.1	79.	1.5339	1.2675	1.0789	191.0	11.3
1474.	797.5	-13.4	3.9	4.1	-16.1	78.	1.4994	1.2631	1.0708	192.0	11.1
1527.	792.0	-13.4	4.5	4.7	-16.1	78.	1.4984	1.2630	1.0634	194.0	10.9
1580.	786.5	-13.4	5.0	5.2	-16.1	78.	1.4983	1.2630	1.0561	195.0	10.9
1629.	781.4	-13.5	5.7	5.9	-16.1	77.	1.4926	1.2584	1.0488	197.0	10.7
1677.	776.5	-13.0	6.3	6.5	-16.2	76.	1.4867	1.2536	1.0418	199.0	10.6
1727.	771.4	-13.2	6.8	7.0	-16.3	75.	1.4671	1.2378	1.0350	200.0	10.5
1782.	765.9	-13.3	7.3	7.5	-16.4	75.	1.4534	1.2270	1.0280	201.0	10.3
1832.	759.8	-13.4	7.7	7.9	-16.5	75.	1.4406	1.2163	1.0216	201.0	10.1
1885.	753.5	-13.5	8.1	8.3	-16.6	75.	1.4274	1.2057	1.0148	204.0	10.0
1934.	747.0	-13.7	8.6	8.7	-16.8	75.	1.4016	1.1848	1.0089	205.0	9.8
1986.	740.5	-13.8	9.1	9.1	-16.9	75.	1.3844	1.1744	1.0027	206.0	9.6
2031.	741.1	-13.9	9.3	9.1	-17.2	74.	1.3578	1.1493	0.9970	207.0	9.7
2080.	736.4	-14.1	9.6	9.8	-17.3	74.	1.3332	1.1293	0.9914	208.0	9.6
2128.	731.7	-14.3	10.1	10.1	-17.4	74.	1.3266	1.1239	0.9858	209.0	9.5
2179.	726.8	-14.0	10.4	10.9	-17.7	74.	1.2851	1.0902	0.9800	209.0	9.4
2233.	721.6	-14.6	10.6	11.0	-18.0	74.	1.2501	1.0617	0.9741	210.0	9.4
2287.	716.5	-15.0	10.8	11.0	-18.2	74.	1.2272	1.0431	0.9674	210.0	9.3
2342.	711.3	-15.5	11.0	11.2	-18.5	74.	1.1936	1.0157	0.9620	210.0	9.3
2394.	705.9	-15.8	11.3	11.5	-18.8	74.	1.1609	0.9899	0.9558	210.0	9.3
2453.	700.0	-15.9	11.8	11.8	-19.1	74.	1.1290	0.9629	0.9501	210.0	9.3
2506.	696.5	-16.1	11.2	12.1	-19.4	73.	1.0932	0.9356	0.9442	210.0	9.4
2561.	690.5	-16.4	12.2	12.4	-19.7	71.	1.0713	0.8883	0.9383	209.0	9.3
2615.	685.9	-16.7	12.6	12.6	-20.6	68.	0.9770	0.8119	0.9326	209.0	9.3
2668.	681.1	-16.9	13.0	13.3	-21.3	67.	0.9138	0.7862	0.9212	208.0	9.3
2719.	676.5	-17.1	13.3	13.6	-22.0	64.	0.8466	0.7190	0.9153	207.0	9.3
2772.	671.7	-17.7	13.7	13.8	-22.5	63.	0.8121	0.7021	0.9098	206.0	9.5
2829.	666.6	-18.1	14.0	14.1	-23.1	62.	0.7604	0.6668	0.9044	205.0	9.6
2886.	661.7	-18.4	14.3	14.1	-23.4	62.	0.7410	0.6437	0.8996	205.0	9.6
2936.	657.1	-19.0	14.7	14.1	-23.8	63.	0.7180	0.6239	0.8949	205.0	9.6
2990.	652.4	-19.6	14.0	14.6	-24.2	63.	0.6845	0.5954	0.8897	205.0	9.4
3047.	647.4	-19.9	14.5	14.5	-24.6	63.	0.6548	0.5744	0.8845	205.0	9.3
3102.	642.6	-20.3	14.8	14.8	-25.0	62.	0.6440	0.5536	0.8794	203.0	9.2

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MM)	1E+3*RHOM (G/M**3)	RHO (KG/M**3)	D1R (DEG)	SPEED (KTS)
3210.	633.3	-20.7	14.5	14.6	-20.5	54.	0.6197	0.5416	0.8744	23.3	5.1
3262.	628.1	-21.1	14.5	14.7	-20.5	55.	0.6155	0.5297	0.8695	23.3	5.0
3318.	624.1	-21.5	14.5	14.9	-20.5	56.	0.6114	0.5179	0.8645	23.3	4.9
3372.	619.5	-21.9	14.5	15.0	-20.5	55.	0.6072	0.4916	0.8594	23.3	4.8
3424.	615.1	-22.2	14.5	15.1	-20.5	55.	0.6030	0.4736	0.8547	23.3	4.7
3476.	610.6	-22.5	14.5	15.4	-20.5	55.	0.6000	0.4654	0.8497	23.3	4.6
3528.	606.2	-22.8	14.5	15.6	-20.5	55.	0.5968	0.4476	0.8444	23.3	4.5
3579.	602.0	-23.1	14.5	15.9	-20.5	55.	0.5936	0.4357	0.8394	23.3	4.4
3632.	597.7	-23.4	14.5	16.1	-20.5	55.	0.5904	0.4239	0.8341	23.3	4.3
3687.	593.4	-23.7	14.5	16.3	-20.5	55.	0.5872	0.4121	0.8289	23.3	4.2
3738.	589.2	-24.0	14.5	16.5	-20.5	55.	0.5840	0.4003	0.8239	23.3	4.1
3788.	585.0	-24.3	14.5	16.7	-20.5	55.	0.5808	0.3885	0.8193	23.3	4.0
3841.	580.8	-24.6	14.5	16.9	-20.5	55.	0.5776	0.3767	0.8150	23.3	3.9
3894.	576.6	-24.9	14.5	17.1	-20.5	55.	0.5744	0.3649	0.8104	23.3	3.8
3945.	572.4	-25.2	14.5	17.4	-20.5	55.	0.5712	0.3531	0.8056	23.3	3.7
3997.	568.2	-25.5	14.5	17.7	-20.5	55.	0.5680	0.3413	0.8008	23.3	3.6
4041.	564.0	-25.8	14.5	17.9	-20.5	55.	0.5648	0.3295	0.7970	23.3	3.5
4094.	559.8	-26.1	14.5	18.1	-20.5	55.	0.5616	0.3177	0.7928	23.3	3.4
4146.	555.6	-26.4	14.5	18.4	-20.5	55.	0.5584	0.3059	0.7882	23.3	3.3
4198.	551.4	-26.7	14.5	18.6	-20.5	55.	0.5552	0.2941	0.7838	23.3	3.2
4250.	547.2	-27.0	14.5	18.9	-20.5	55.	0.5520	0.2823	0.7794	23.3	3.1
4302.	543.0	-27.3	14.5	19.1	-20.5	55.	0.5488	0.2705	0.7750	23.3	3.0
4354.	538.8	-27.6	14.5	19.4	-20.5	55.	0.5456	0.2587	0.7706	23.3	2.9
4406.	534.6	-27.9	14.5	19.6	-20.5	55.	0.5424	0.2469	0.7664	23.3	2.8
4458.	530.4	-28.2	14.5	19.9	-20.5	55.	0.5392	0.2351	0.7620	23.3	2.7
4510.	526.2	-28.5	14.5	20.1	-20.5	55.	0.5360	0.2233	0.7576	23.3	2.6
4562.	522.0	-28.8	14.5	20.4	-20.5	55.	0.5328	0.2115	0.7532	23.3	2.5
4614.	517.8	-29.1	14.5	20.6	-20.5	55.	0.5296	0.2000	0.7488	23.3	2.4
4666.	513.6	-29.4	14.5	20.9	-20.5	55.	0.5264	0.1882	0.7445	23.3	2.3
4718.	509.4	-29.7	14.5	21.1	-20.5	55.	0.5232	0.1764	0.7401	23.3	2.2
4770.	505.2	-30.0	14.5	21.4	-20.5	55.	0.5200	0.1646	0.7357	23.3	2.1
4822.	501.0	-30.3	14.5	21.6	-20.5	55.	0.5168	0.1528	0.7313	23.3	2.0
4874.	496.8	-30.6	14.5	21.9	-20.5	55.	0.5136	0.1410	0.7269	23.3	1.9
4926.	492.6	-30.9	14.5	22.1	-20.5	55.	0.5104	0.1292	0.7225	23.3	1.8
4978.	488.4	-31.2	14.5	22.4	-20.5	55.	0.5072	0.1174	0.7181	23.3	1.7
5030.	484.2	-31.5	14.5	22.6	-20.5	55.	0.5040	0.1056	0.7137	23.3	1.6
5082.	480.0	-31.8	14.5	22.9	-20.5	55.	0.5008	0.0938	0.7093	23.3	1.5
5134.	475.8	-32.1	14.5	23.1	-20.5	55.	0.4976	0.0820	0.7049	23.3	1.4
5186.	471.6	-32.4	14.5	23.4	-20.5	55.	0.4944	0.0702	0.7005	23.3	1.3
5238.	467.4	-32.7	14.5	23.6	-20.5	55.	0.4912	0.0584	0.6961	23.3	1.2
5290.	463.2	-33.0	14.5	23.9	-20.5	55.	0.4880	0.0466	0.6917	23.3	1.1
5342.	459.0	-33.3	14.5	24.1	-20.5	55.	0.4848	0.0348	0.6873	23.3	1.0
5394.	454.8	-33.6	14.5	24.4	-20.5	55.	0.4816	0.0230	0.6829	23.3	0.9
5446.	450.6	-33.9	14.5	24.6	-20.5	55.	0.4784	0.0112	0.6785	23.3	0.8
5498.	446.4	-34.2	14.5	24.9	-20.5	55.	0.4752	0.0000	0.6741	23.3	0.7
5550.	442.2	-34.5	14.5	25.1	-20.5	55.	0.4720	0.0000	0.6697	23.3	0.6
5602.	438.0	-34.8	14.5	25.4	-20.5	55.	0.4688	0.0000	0.6653	23.3	0.5
5654.	433.8	-35.1	14.5	25.6	-20.5	55.	0.4656	0.0000	0.6609	23.3	0.4
5706.	429.6	-35.4	14.5	25.9	-20.5	55.	0.4624	0.0000	0.6565	23.3	0.3
5758.	425.4	-35.7	14.5	26.1	-20.5	55.	0.4592	0.0000	0.6521	23.3	0.2
5810.	421.2	-36.0	14.5	26.4	-20.5	55.	0.4560	0.0000	0.6477	23.3	0.1
5862.	417.0	-36.3	14.5	26.6	-20.5	55.	0.4528	0.0000	0.6433	23.3	0.0
5914.	412.8	-36.6	14.5	26.9	-20.5	55.	0.4496	0.0000	0.6389	23.3	0.0
5966.	408.6	-36.9	14.5	27.1	-20.5	55.	0.4464	0.0000	0.6345	23.3	0.0
6018.	404.4	-37.2	14.5	27.4	-20.5	55.	0.4432	0.0000	0.6301	23.3	0.0
6070.	400.2	-37.5	14.5	27.6	-20.5	55.	0.4400	0.0000	0.6257	23.3	0.0
6122.	396.0	-37.8	14.5	27.9	-20.5	55.	0.4368	0.0000	0.6213	23.3	0.0
6174.	391.8	-38.1	14.5	28.1	-20.5	55.	0.4336	0.0000	0.6169	23.3	0.0
6226.	387.6	-38.4	14.5	28.4	-20.5	55.	0.4304	0.0000	0.6125	23.3	0.0
6278.	383.4	-38.7	14.5	28.6	-20.5	55.	0.4272	0.0000	0.6081	23.3	0.0
6330.	379.2	-39.0	14.5	28.9	-20.5	55.	0.4240	0.0000	0.6037	23.3	0.0
6382.	375.0	-39.3	14.5	29.1	-20.5	55.	0.4208	0.0000	0.5993	23.3	0.0
6434.	370.8	-39.6	14.5	29.4	-20.5	55.	0.4176	0.0000	0.5949	23.3	0.0
6486.	366.6	-39.9	14.5	29.6	-20.5	55.	0.4144	0.0000	0.5905	23.3	0.0
6538.	362.4	-40.2	14.5	29.9	-20.5	55.	0.4112	0.0000	0.5861	23.3	0.0
6590.	358.2	-40.5	14.5	30.1	-20.5	55.	0.4080	0.0000	0.5817	23.3	0.0
6642.	354.0	-40.8	14.5	30.4	-20.5	55.	0.4048	0.0000	0.5773	23.3	0.0
6694.	349.8	-41.1	14.5	30.6	-20.5	55.	0.4016	0.0000	0.5729	23.3	0.0
6746.	345.6	-41.4	14.5	30.9	-20.5	55.	0.3984	0.0000	0.5685	23.3	0.0
6798.	341.4	-41.7	14.5	31.1	-20.5	55.	0.3952	0.0000	0.5641	23.3	0.0
6850.	337.2	-42.0	14.5	31.4	-20.5	55.	0.3920	0.0000	0.5597	23.3	0.0
6902.	333.0	-42.3	14.5	31.6	-20.5	55.	0.3888	0.0000	0.5553	23.3	0.0
6954.	328.8	-42.6	14.5	31.9	-20.5	55.	0.3856	0.0000	0.5509	23.3	0.0
7006.	324.6	-42.9	14.5	32.1	-20.5	55.	0.3824	0.0000	0.5465	23.3	0.0
7058.	320.4	-43.2	14.5	32.4	-20.5	55.	0.3792	0.0000	0.5421	23.3	0.0
7110.	316.2	-43.5	14.5	32.6	-20.5	55.	0.3760	0.0000	0.5377	23.3	0.0
7162.	312.0	-43.8	14.5	32.9	-20.5	55.	0.3728	0.0000	0.5333	23.3	0.0
7214.	307.8	-44.1	14.5	33.1	-20.5	55.	0.3696	0.0000	0.5289	23.3	0.0
7266.	303.6	-44.4	14.5	33.4	-20.5	55.	0.3664	0.0000	0.5245	23.3	0.0
7318.	299.4	-44.7	14.5	33.6	-20.5	55.	0.3632	0.0000	0.5201	23.3	0.0
7370.	295.2	-45.0	14.5	33.9	-20.5	55.	0.3600	0.0000	0.5157	23.3	0.0
7422.	291.0	-45.3	14.5	34.1	-20.5	55.	0.3568	0.0000	0.5113	23.3	0.0
7474.	286.8	-45.6	14.5	34.4	-20.5	55.	0.3536	0.0000	0.5069	23.3	0.0
7526.	282.6	-45.9	14.5	34.6	-20.5	55.	0.3504	0.0000	0.5025	23.3	0.0
7578.	278.4	-46.2	14.5	34.9	-20.5	55.	0.3472	0.0000	0.4981	23.3	0.0
7630.	274.2	-46.5	14.5	35.1	-20.5	55.	0.3440	0.0000	0.4937	23.3	0.0
7682.	270.0	-46.8	14.5	35.4	-20.5	55.	0.3408	0.0000	0.4893	23.3	0.0
7734.	265.8	-47.1	14.5	35.6	-20.5	55.	0.3376	0.0000	0.4849	23.3	0.0
7786.	261.6	-47.4	14.5	35.9	-20.5	55.	0.3344	0.0000	0.4805	23.3	0.0
7838.	257.4	-47.7	14.5	36.1	-20.5	55.	0.3312	0.0000	0.4761	23.3	0.0
7890.	253.2	-48.0	14.5	36.4	-20.5	55.	0.3280	0.0000	0.4717	23.3	0.0
7942.	249.0	-48.3	14.5	36.6	-20.5	55.	0.3248	0.0000	0.4673	23.3	0.0
7994.	244.8	-48.6	14.5	36.9	-20.5	55.	0.3216	0.0000	0.4629	23.3	0.0
8046.	240.6	-48.9	14.5	37.1	-20.5	55.	0.3184	0.0000	0.4585	23.3	0.0
8098.	236.4	-49.2	14.5	37.4	-20.5	55.	0.3152	0.0000	0.4541	23.3	0.0
8150.	232.2	-49.5	14.5	37.6	-20.5	55.	0.3120	0.0000	0.4497	23.3	0.0
8202.	228.0	-49.8	14.5	37.9	-20.5	55.	0.3088	0.0000	0.4453	23.3	0.0
8254.	223.8	-50.1	14.5	38.1	-20.5	55.	0.3056	0.0000	0.4409	23.3	0.0
8306.	219.6	-50.4	14.5	38.4	-20.5	55.	0.3024	0.0000	0.4365	23.3	0.0
8358.	215.4	-50.7	14.5	38.6	-20.5	55.	0.2992	0.0000	0.4321	23.3	0.0

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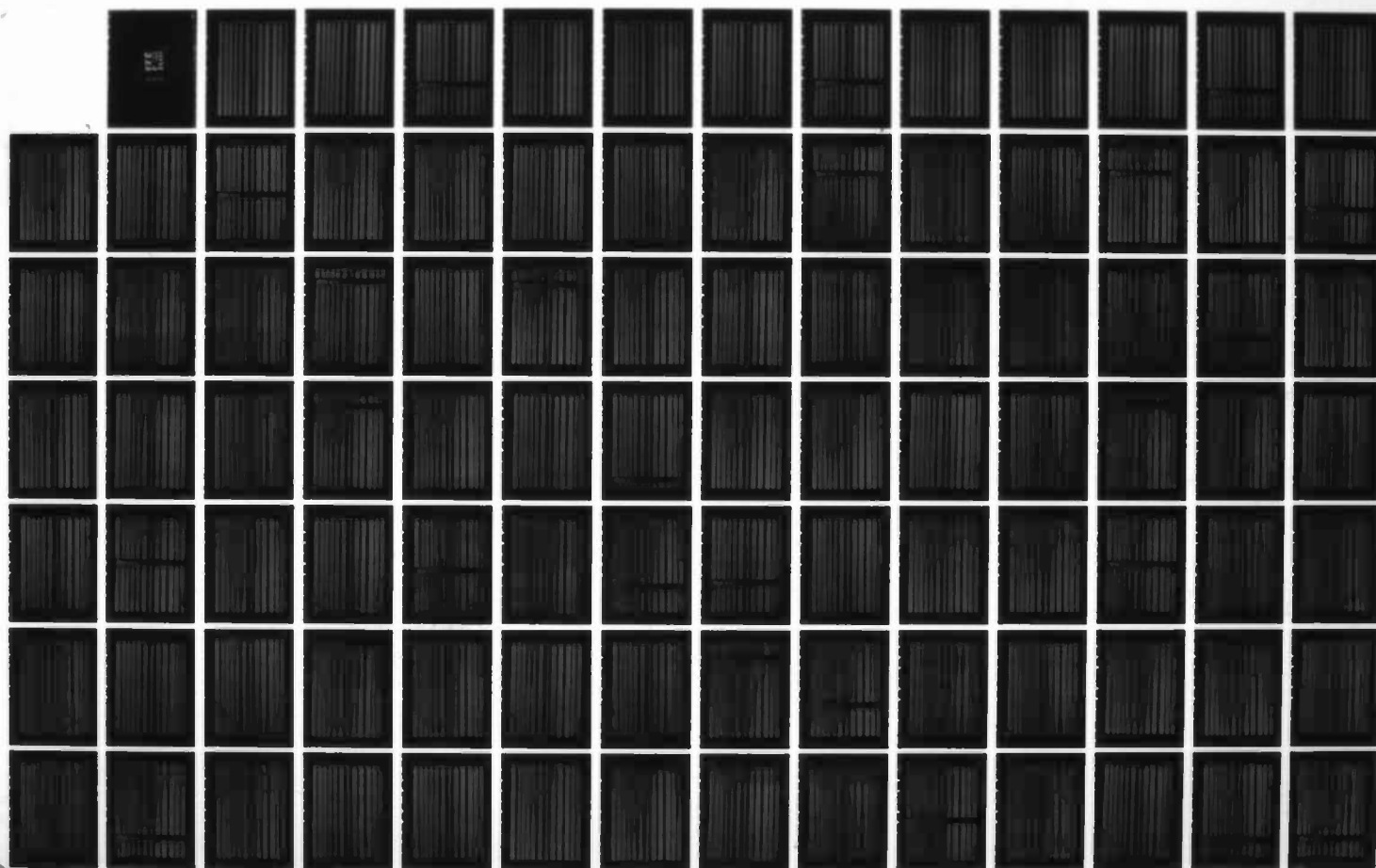
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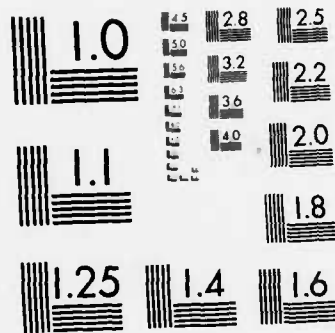
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

HEIGHT (A)	PRES (MM)	T (C)	THETA (C)	THETA V (C)	DLW POINT (C)	REL HUM (%)	E (MM)	1E+3*RH0V (G/M+*3)	RH0 (KG/M+*3)	D1R (DEG)	SPEED (K/5)
8380.	296.3	-60.5	27.3	27.3	-69.8	18.	0.0027	0.0029	0.4663	122.0	4.9
8422.	294.4	-61.3	27.3	27.3	-73.2	28.	0.0025	0.0027	0.4839	126.0	5.0
8462.	292.6	-61.6	27.4	27.4	-76.5	28.	0.0024	0.0026	0.4815	131.0	5.2
8500.	290.9	-62.0	27.4	27.4	-71.1	27.	0.0022	0.0024	0.4794	137.0	5.3
8537.	288.9	-62.3	27.5	27.5	-71.4	27.	0.0021	0.0023	0.4773	142.0	5.4
8572.	287.2	-62.4	27.8	27.8	-71.2	28.	0.0022	0.0023	0.4747	146.0	5.4
8614.	285.5	-62.4	28.4	28.4	-71.4	27.	0.0021	0.0023	0.4716	153.0	5.6
8657.	283.5	-62.5	29.1	29.1	-71.4	27.	0.0021	0.0023	0.4661	157.0	6.1
8699.	281.1	-62.5	29.9	29.9	-71.5	26.	0.0021	0.0022	0.4647	161.0	6.6
8738.	278.9	-62.2	30.4	30.4	-71.6	25.	0.0020	0.0022	0.4617	165.0	7.0
8776.	277.5	-62.4	31.1	31.1	-71.7	24.	0.0019	0.0021	0.4586	169.0	7.2
8818.	276.5	-62.1	31.7	31.7	-72.6	23.	0.0018	0.0020	0.4556	171.0	7.6
8861.	274.4	-62.2	32.1	32.1	-73.3	22.	0.0016	0.0018	0.4501	175.0	8.4
8899.	272.4	-62.3	32.5	32.5	-73.3	21.	0.0017	0.0018	0.4469	177.0	8.7
8942.	270.5	-62.3	33.2	33.2	-73.3	20.	0.0016	0.0017	0.4439	179.0	8.8
8983.	268.7	-62.3	33.7	33.7	-73.3	19.	0.0015	0.0016	0.4412	181.0	9.1
9025.	266.9	-62.5	34.2	34.2	-74.2	18.	0.0014	0.0015	0.4386	183.0	9.1
9064.	265.2	-62.5	34.6	34.6	-74.8	17.	0.0013	0.0014	0.4361	185.0	9.3
9108.	263.3	-62.8	34.8	34.8	-75.0	17.	0.0012	0.0013	0.4330	186.0	9.6
9158.	261.1	-63.3	35.2	35.2	-75.2	17.	0.0012	0.0013	0.4296	188.0	9.7
9212.	258.9	-63.3	35.7	35.7	-75.5	17.	0.0011	0.0012	0.4248	193.0	9.7
9272.	256.4	-63.1	37.0	37.0	-75.5	16.	0.0011	0.0012	0.4213	197.0	9.8
9324.	254.4	-63.4	37.3	37.3	-76.7	16.	0.0011	0.0012	0.4173	202.0	10.2
9378.	252.1	-63.3	38.2	38.2	-76.7	15.	0.0011	0.0012	0.4151	205.0	10.4
9435.	249.7	-64.2	38.5	38.5	-76.7	15.	0.0009	0.0010	0.4124	207.0	10.4
9493.	247.5	-64.2	38.9	38.9	-76.9	15.	0.0009	0.0010	0.4093	209.0	10.6
9550.	245.4	-64.3	39.5	39.5	-76.9	15.	0.0008	0.0009	0.4060	211.0	10.7
9608.	243.1	-64.5	39.9	39.9	-77.5	14.	0.0008	0.0009	0.4032	212.0	10.7
9634.	241.5	-64.6	40.5	40.5	-77.6	14.	0.0008	0.0009	0.4004	213.0	11.1
9684.	239.7	-64.6	41.1	41.1	-77.6	14.	0.0007	0.0008	0.3976	214.0	11.2
9727.	238.0	-64.7	41.6	41.6	-78.2	13.	0.0007	0.0008	0.3951	215.0	11.3
9788.	236.4	-64.7	41.7	41.7	-78.4	13.	0.0007	0.0008	0.3928	216.0	11.4
9812.	234.7	-64.7	41.9	41.9	-78.4	13.	0.0007	0.0008	0.3907	217.0	11.5
9854.	233.1	-64.7	42.2	42.2	-79.7	12.	0.0006	0.0007	0.3886	218.0	11.6
9893.	231.6	-64.7	42.7	42.7	-80.0	12.	0.0006	0.0006	0.3866	219.0	11.7
9933.	229.8	-64.6	42.8	42.8	-80.3	12.	0.0005	0.0006	0.3841	220.0	11.7
9980.	227.6	-64.4	43.0	43.0	-80.3	12.	0.0005	0.0006	0.3821	221.0	11.7
10026.	225.5	-64.6	43.3	43.3	-80.5	12.	0.0005	0.0006	0.3802	222.0	11.7
10057.	223.9	-64.6	43.6	43.6	-80.6	12.	0.0005	0.0006	0.3780	223.0	11.4
10097.	222.6	-64.9	43.9	43.9	-80.6	12.	0.0005	0.0006	0.3760	224.0	11.6
10133.	221.1	-67.1	44.1	44.1	-80.9	12.	0.0005	0.0005	0.3738	225.0	11.5
10173.	219.6	-67.3	44.8	44.8	-81.0	12.	0.0005	0.0005	0.3718	226.0	11.4
10214.	218.2	-67.3	45.6	45.6	-80.9	12.	0.0005	0.0005	0.3693	227.0	11.3
10253.	216.7	-67.2	46.5	46.5	-80.8	12.	0.0005	0.0005	0.3665	228.0	11.2
10294.	215.3	-67.0	47.5	47.5	-80.7	12.	0.0005	0.0005	0.3638	229.0	11.2
10333.	213.8	-66.6	48.4	48.4	-80.5	12.	0.0005	0.0005	0.3609	230.0	11.3
10375.	212.4	-66.6	49.1	49.1	-80.3	12.	0.0005	0.0006	0.3582	231.0	11.6
10415.	211.1	-66.4	49.7	49.7	-80.2	12.	0.0005	0.0006	0.3559	232.0	11.0
10452.	209.7	-66.4	50.3	50.3	-80.7	11.	0.0005	0.0005	0.3533	233.0	11.0
10492.	208.4	-66.4	50.6	50.6	-80.7	11.	0.0005	0.0005	0.3513	234.0	11.1
10530.	207.1	-66.3	51.7	51.7	-80.6	11.	0.0005	0.0005	0.3490	235.0	11.1
10568.	205.8	-66.1	52.7	52.7	-80.4	11.	0.0005	0.0006	0.3466	236.0	11.1
10606.	204.4	-66.9	53.5	53.5	-80.3	11.	0.0005	0.0006	0.3443	237.0	11.2
10647.	203.0	-65.9	54.3	54.3	-80.2	11.	0.0005	0.0006	0.3414	238.0	11.2
10689.	201.6	-65.6	55.4	55.4	-80.2	11.	0.0005	0.0006	0.3389	239.0	11.2
10731.	200.3	-65.3	56.5	56.5	-80.3	10.	0.0005	0.0006	0.3362	240.0	11.4
10773.	199.0	-65.0	57.6	57.6	-80.0	10.	0.0005	0.0006	0.3335	241.0	11.5
10815.	197.6	-64.6	58.9	58.9	-79.7	10.	0.0006	0.0006	0.3307	242.0	11.5
10852.	196.2	-64.4	59.9	59.9	-79.5	10.	0.0006	0.0006	0.3277	243.0	11.4
10894.	194.9	-64.4	60.5	60.5	-79.6	10.	0.0006	0.0007	0.3252	244.0	11.4
10936.	193.7	-64.4	61.2	61.2	-79.6	10.	0.0006	0.0007	0.3232	245.0	11.4
10974.	192.2	-64.4	61.4	61.4	-79.6	9.	0.0006	0.0006	0.3212	246.0	11.4
11015.	191.1	-64.4	61.4	61.4	-80.1	9.	0.0006	0.0006	0.3194	247.0	11.3
11053.	189.9	-64.3	63.1	63.1	-80.1	9.	0.0005	0.0006	0.3171	248.0	11.1
11095.	188.7	-64.2	64.2	64.2	-79.8	9.	0.0006	0.0006	0.3148	249.0	11.1
11133.	187.5	-63.6	65.5	65.5	-79.2	9.	0.0006	0.0007	0.3123	250.0	11.1
11172.	186.3	-63.3	66.6	66.6	-79.2	9.	0.0006	0.0007	0.3097	251.0	11.2
11212.	185.1	-63.3	67.0	67.0	-79.4	9.	0.0006	0.0007	0.3073	252.0	11.2
11251.	183.8	-63.7	67.5	67.5	-79.5	9.	0.0006	0.0007	0.3054	253.0	11.2
11294.	182.4	-63.7	68.0	68.0	-80.4	8.	0.0005	0.0006	0.3032	254.0	11.3
11341.	181.2	-63.8	69.0	69.0	-80.4	8.	0.0005	0.0006	0.3014	255.0	11.6
11382.	180.0	-64.0	69.5	69.5	-80.5	8.	0.0005	0.0006	0.2995	256.0	11.6
11422.	178.8	-64.0	70.9	70.9	-80.5	8.	0.0005	0.0006	0.2977	257.0	11.9
11463.	177.7	-64.0	71.4	71.4	-80.5	8.	0.0005	0.0006	0.2956	258.0	12.0
11508.	176.5	-64.1	72.1	72.1	-81.4	7.	0.0004	0.0005	0.2936	259.0	12.2
11549.	175.3	-64.1	72.8	72.8	-81.4	7.	0.0004	0.0005	0.2916	260.0	12.3
11591.	174.1	-64.1	73.6	73.6	-81.3	7.	0.0004	0.0005	0.2896	261.0	12.5
11637.	172.6	-63.5	74.5	74.5	-81.2	7.	0.0004	0.0005	0.2856	262.0	12.7
11679.	171.4	-63.5	75.6	75.6	-80.9	7.	0.0004	0.0005	0.2837	263.0	12.8
11722.	169.3	-63.5	76.4	76.4	-80.7	7.	0.0004	0.0005	0.2817	264.0	12.8
11761.	168.3	-63.4	77.0	77.0	-80.7	7.	0.0004	0.0005	0.2797	265.0	12.9
11797.	167.2	-63.4	77.8	77.8	-80.7	7.	0.0004	0.0005	0.2777	266.0	13.0
11833.	166.2	-63.3	78.6	78.6	-80.7	7.	0.0004	0.0005	0.2760	267.0	13.1
11874.	165.2	-63.3	79.1	79.1	-80.7	7.	0.0004	0.0005	0.2742	268.0	13.0
11910.	164.2	-63.3	79.8	79.8	-80.7	7.	0.0004	0.0005	0.2724	269.0	13.0
11947.	163.1	-63.3	80.1	80.1	-80.7	7.	0.0004	0.0005	0.2708	270.0	13.0
11985.	162.0	-63.3	80.1	80.1	-81.8	6.	0.0004	0.0005	0.2689	271.0	12.9
12026.	161.0	-63.3	81.3	81.3	-81.9	6.	0.0004	0.0004	0.2675	272.0	12.9
12067.	160.0	-63.5	82.1	82.1	-81.9	6.	0.0004	0.0005	0.2650	273.0	12.9
12105.	158.8	-63.5	82.6	82.6	-81.9	6.	0.0004	0.0005	0.2622	274.0	12.8
12151.	157.8	-63.5	83.4	83.4	-81.7	6.	0.0004	0.0005	0.2607	275.0	12.8
12190.	156.8	-63.5	84.3	84.3	-81.4	6.	0.0004	0.0005	0.2589	276.0	12.7
12228.	155.9	-63.5	85.4	85.4	-81.2	6.	0.0004	0.0005	0.2571	277.0	12.9
12267.	154.9	-63.5	86.6	86.6	-81.0	6.	0.0004	0.0005	0.2553	278.0	13.0
12307.	153.0	-62.7	87.6	87.6	-81.0	6.	0.0004	0.0005	0.2533	279.0	13.1
12342.	152.0	-62.5	88.3	88.3	-80.9	6.	0.0004	0.0005	0.2514	280.0	13.2
12378.	151.0	-62.4	89.2	89.2	-80.9	6.	0.0004	0.0005	0.2497	281.0	13.3
12418.	150.0	-62.4	89.7	89.7	-81.2	6.	0.0004	0.0005	0.2479	282.0	13.6
12458.	149.0	-62.4	90.1	90.1	-82.7	5.	0.0003	0.0004	0.2451	283.0	13.7
12499.	148.0	-63.3	90.4	90.4	-82.7	5.	0.0003	0.0004	0.2438	284.0	14.2
12540.	147.0	-63.5	90.8	90.8	-82.9	5.	0.0003	0.0004	0.2409	285.0	14.5
12581.	146.0	-63.7	91.1	91.1	-83.1	5.	0.0003	0.0004	0.2397	286.0	14.6
12622.	145.0	-63.8	91.6	91.6	-83.2	5.					

HEIGHT (M)	PRES (Hk)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3-RHOM (G/M+3)	RHO (KG/M+3)	DIR (DEG)	SPEED (M/S)
12902.	141.4	-63.8	92.9	92.9	-83.2	5.	0.0003	0.0004	0.2353	250.0	15.2
12941.	140.5	-63.7	93.7	93.7	-83.1	5.	0.0003	0.0004	0.2337	250.0	15.4
12980.	139.6	-63.7	94.4	94.4	-83.1	5.	0.0003	0.0004	0.2322	250.0	15.6
13020.	138.7	-63.8	94.9	94.9	-83.2	5.	0.0003	0.0004	0.2308	250.0	15.6
13060.	137.8	-63.8	95.6	95.6	-83.2	5.	0.0003	0.0004	0.2293	250.0	15.6
13096.	137.0	-63.6	96.6	96.6	-83.0	5.	0.0003	0.0004	0.2278	251.0	15.6
13136.	136.1	-63.4	97.6	97.6	-82.8	5.	0.0003	0.0004	0.2260	251.0	15.6
13172.	135.3	-63.2	98.6	98.6	-82.7	5.	0.0003	0.0004	0.2245	252.0	15.7
13213.	134.4	-63.1	99.5	99.5	-82.6	5.	0.0004	0.0004	0.2229	252.0	15.6
13254.	133.5	-62.9	100.5	100.5	-82.4	5.	0.0004	0.0004	0.2212	253.0	15.6
13296.	132.6	-62.8	101.4	101.4	-82.3	5.	0.0004	0.0004	0.2196	253.0	15.6
13335.	131.8	-62.6	102.1	102.1	-82.3	5.	0.0004	0.0004	0.2183	253.0	15.6
13371.	131.0	-62.5	102.9	102.9	-82.3	5.	0.0004	0.0004	0.2168	254.0	15.5
13413.	130.1	-62.6	103.8	103.8	-82.2	5.	0.0004	0.0004	0.2153	254.0	15.5
13451.	129.3	-62.8	104.2	104.2	-82.3	5.	0.0004	0.0004	0.2141	254.0	15.5
13469.	128.5	-62.9	104.6	104.6	-82.4	5.	0.0004	0.0004	0.2129	255.0	15.4
13532.	127.6	-63.1	105.0	105.0	-82.6	5.	0.0004	0.0004	0.2116	255.0	15.4
13571.	126.8	-63.2	105.5	105.5	-82.7	5.	0.0003	0.0004	0.2104	255.0	15.4
13610.	126.0	-63.2	106.2	106.2	-82.7	5.	0.0003	0.0004	0.2091	255.0	15.4
13649.	125.2	-63.4	106.6	106.6	-82.8	5.	0.0003	0.0004	0.2079	255.0	15.4
13688.	124.4	-63.4	107.2	107.2	-84.1	4.	0.0003	0.0003	0.2066	255.0	15.4
13728.	123.6	-63.5	108.1	108.1	-84.0	4.	0.0003	0.0003	0.2052	255.0	15.4
13773.	122.7	-63.5	109.1	109.1	-84.0	4.	0.0003	0.0003	0.2036	255.0	15.4
13808.	122.0	-63.1	109.9	109.9	-83.9	4.	0.0003	0.0003	0.2033	255.0	15.4
13846.	121.2	-63.1	110.8	110.8	-83.8	4.	0.0003	0.0003	0.2009	255.0	15.6
13889.	120.4	-62.9	111.7	111.7	-82.4	5.	0.0004	0.0004	0.1995	255.0	15.7
13930.	119.6	-62.8	112.6	112.6	-83.6	4.	0.0003	0.0003	0.1981	254.0	15.8
13971.	118.8	-62.8	113.4	113.4	-83.6	4.	0.0003	0.0003	0.1967	255.0	16.0
14007.	118.1	-62.7	114.2	114.2	-83.6	4.	0.0003	0.0003	0.1955	255.0	16.0
14049.	117.3	-62.6	115.2	115.2	-83.5	4.	0.0003	0.0003	0.1941	256.0	16.3
14086.	116.6	-62.5	116.0	116.0	-83.4	4.	0.0003	0.0004	0.1928	256.0	16.5
14128.	115.8	-62.4	117.0	117.0	-83.3	4.	0.0003	0.0004	0.1914	257.0	16.6
14166.	115.1	-62.4	117.6	117.6	-82.0	5.	0.0004	0.0004	0.1903	257.0	16.8
14205.	114.4	-62.4	118.1	118.1	-83.4	4.	0.0003	0.0004	0.1892	258.0	17.0
14241.	113.7	-62.5	118.8	118.8	-82.1	4.	0.0004	0.0004	0.1880	258.0	17.2
14279.	113.0	-62.4	119.7	119.7	-82.0	4.	0.0004	0.0004	0.1868	259.0	17.4
14323.	112.2	-62.2	120.9	120.9	-81.8	4.	0.0004	0.0005	0.1853	260.0	17.5
14362.	111.5	-62.1	121.1	121.1	-81.8	4.	0.0004	0.0005	0.1840	261.0	17.8
14400.	110.8	-61.9	122.2	122.2	-81.5	4.	0.0004	0.0005	0.1827	262.0	18.1
14445.	110.0	-61.8	123.9	123.9	-81.5	4.	0.0004	0.0005	0.1813	263.0	18.2
14479.	109.4	-61.6	124.5	124.5	-81.5	4.	0.0004	0.0005	0.1803	264.0	18.3
14519.	108.7	-61.8	125.2	125.2	-81.5	4.	0.0004	0.0005	0.1792	265.0	18.3
14559.	108.0	-61.8	125.9	125.9	-81.5	4.	0.0004	0.0005	0.1780	265.0	18.4
14599.	107.3	-61.6	127.1	127.1	-81.3	4.	0.0004	0.0005	0.1767	266.0	18.4
14639.	106.6	-61.3	128.4	128.4	-81.1	4.	0.0005	0.0005	0.1753	266.0	18.4
14680.	105.9	-61.1	129.5	129.5	-80.9	4.	0.0005	0.0005	0.1740	267.0	18.5
14721.	105.2	-61.1	130.3	130.3	-80.9	4.	0.0005	0.0005	0.1728	267.0	18.5
14763.	104.5	-61.1	131.2	131.2	-80.9	4.	0.0005	0.0005	0.1716	268.0	18.5
14798.	103.9	-60.9	132.1	132.1	-80.8	4.	0.0005	0.0005	0.1705	268.0	18.4
14842.	103.2	-61.1	132.7	132.7	-80.9	4.	0.0005	0.0005	0.1695	268.0	18.2
14882.	102.5	-61.1	133.1	133.1	-81.0	4.	0.0005	0.0005	0.1685	268.0	18.1
14925.	101.8	-61.1	133.7	133.7	-81.0	4.	0.0005	0.0005	0.1674	268.0	17.9
14968.	101.1	-61.1	134.3	134.3	-81.0	4.	0.0004	0.0004	0.1663	268.0	17.9
15011.	100.4	-61.4	135.1	135.1	-81.2	4.	0.0004	0.0005	0.1652	268.0	17.9
15054.	99.7	-61.2	136.3	136.3	-81.0	4.	0.0005	0.0005	0.1639	267.0	17.9
15091.	99.1	-61.1	137.2	137.2	-80.9	4.	0.0005	0.0005	0.1628	267.0	17.9
15135.	98.4	-61.1	138.2	138.2	-82.2	4.	0.0004	0.0004	0.1616	267.0	17.7
15172.	97.8	-60.6	139.2	139.2	-82.1	4.	0.0004	0.0004	0.1605	267.0	17.7
15218.	97.1	-61.1	139.8	139.8	-82.2	4.	0.0004	0.0004	0.1594	267.0	17.6
15256.	96.5	-61.1	140.2	140.2	-82.2	4.	0.0004	0.0004	0.1586	267.0	17.5
15301.	95.8	-61.4	140.6	140.6	-82.5	4.	0.0004	0.0004	0.1576	267.0	17.5
15345.	95.2	-61.1	141.2	141.2	-82.6	4.	0.0004	0.0004	0.1567	266.0	17.5
15379.	94.6	-61.1	141.7	141.7	-82.7	4.	0.0004	0.0004	0.1558	266.0	17.6
15425.	94.0	-61.1	142.2	142.2	-81.3	4.	0.0005	0.0005	0.1546	267.0	17.6
15469.	93.3	-61.1	143.7	143.7	-81.0	4.	0.0005	0.0005	0.1536	267.0	17.7
15515.	92.7	-61.1	144.7	144.7	-80.9	4.	0.0005	0.0005	0.1524	267.0	17.9
15552.	92.0	-61.1	146.2	146.2	-80.9	4.	0.0005	0.0005	0.1511	268.0	18.1
15592.	91.4	-61.0	147.6	147.6	-80.9	4.	0.0005	0.0005	0.1501	269.0	18.3
15633.	90.8	-61.1	147.6	147.6	-80.9	4.	0.0005	0.0005	0.1492	270.0	18.5
15681.	90.1	-61.2	148.3	148.3	-81.0	4.	0.0005	0.0005	0.1481	270.0	18.7
15716.	89.6	-61.2	149.0	149.0	-81.0	4.	0.0005	0.0005	0.1473	270.0	19.1
15764.	88.9	-61.1	150.2	150.2	-80.9	4.	0.0005	0.0005	0.1460	272.0	19.4
15806.	88.3	-61.1	151.2	151.2	-80.9	4.	0.0005	0.0005	0.1450	272.0	19.7
15849.	87.7	-61.1	152.2	152.2	-82.3	4.	0.0004	0.0004	0.1441	274.0	19.9
15891.	87.1	-61.1	152.6	152.6	-82.3	4.	0.0004	0.0004	0.1431	275.0	20.0
15934.	86.5	-61.1	153.7	153.7	-82.2	4.	0.0004	0.0004	0.1420	275.0	20.4
15977.	85.9	-61.1	154.4	154.4	-82.2	4.	0.0004	0.0004	0.1411	276.0	20.6
16021.	85.3	-60.9	155.6	155.6	-82.1	4.	0.0004	0.0004	0.1400	277.0	20.8
16064.	84.7	-60.6	156.6	156.6	-82.1	4.	0.0004	0.0004	0.1390	278.0	21.1
16111.	84.1	-61.1	156.6	156.6	-82.3	4.	0.0004	0.0004	0.1382	278.0	21.2
16158.	83.5	-60.8	158.4	158.4	-82.0	4.	0.0004	0.0004	0.1370	279.0	21.5
16198.	82.9	-60.6	159.7	159.7	-81.9	4.	0.0004	0.0005	0.1359	279.0	21.5
16243.	82.3	-60.5	160.8	160.8	-81.8	4.	0.0004	0.0005	0.1348	279.0	21.5
16288.	81.7	-60.3	162.1	162.1	-81.6	4.	0.0004	0.0005	0.1337	279.0	21.4
16334.	81.1	-60.1	163.5	163.5	-80.1	5.	0.0005	0.0006	0.1326	279.0	21.3
16380.	80.5	-59.9	164.8	164.8	-80.0	5.	0.0005	0.0006	0.1315	279.0	21.2
16419.	80.0	-59.7	166.6	166.6	-79.8	5.	0.0006	0.0006	0.1306	279.0	21.0
16466.	79.4	-59.7	166.9	166.9	-79.8	5.	0.0006	0.0006	0.1296	279.0	21.0
16516.	78.9	-59.7	167.7	167.7	-79.6	5.	0.0006	0.0006	0.1288	279.0	20.9
16553.	78.3	-59.6	168.9	168.9	-79.7	5.	0.0006	0.0006	0.1277	278.0	20.9
16593.	77.7	-59.7	169.5	169.5	-79.8	5.	0.0006	0.0006	0.1270	278.0	20.9
16642.	77.2	-59.7	170.6	170.6	-79.8	5.	0.0006	0.0006	0.1260	278.0	20.9
16682.	76.7	-59.7	171.3	171.3	-79.8	5.	0.0006	0.0006	0.1252	278.0	20.9
16731.	76.1	-59.8	172.1	172.1	-79.9	5.	0.0006	0.0006	0.1243	277.0	21.0
16772.	75.5	-59.9	172.6	172.6	-79.9	5.	0.0006	0.0006	0.1234	277.0	21.1
16822.	75.0	-59.9	173.7	173.7	-80.0	5.	0.0006	0.0006	0.1225	277.0	21.1
16864.	74.5	-60.1	174.4	174.4	-80.0	5.	0.0006	0.0006	0.1218	277.0	21.2
16916.	74.0	-60.1	174.6	174.6	-80.0	5.	0.0006	0.0006	0.1211	277.0	21.3
16956.	73.4	-60.1	175.7	175.7	-80.0	5.	0.0006	0.0006	0.1201	278.0	21.5
16999.	72.9	-60.1	177.7	177.7	-80.0	5.	0.0006	0.0006	0.1191	278.0	21.6
17042.	72.4	-60.1	178.5	178.5	-79.9	5.	0.0006	0.0006	0.1182	278.0	21.6
17085.	71.9	-60.1	179.9	179.9	-79						

HEIGHT (M)	PRES (MR)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MR)	1E+3-RH0W (G/M+3)	R40 (KG/M+3)	D1R (DEC)	SPEED (M/S)
17453.	67.8	-59.0	188.7	188.7	-79.2	5.	0.0006	0.0007	0.1103	233.0	22.7
17499.	67.3	-59.1	189.5	189.5	-79.3	5.	0.0006	0.0007	0.1095	233.0	22.8
17546.	66.8	-59.2	190.3	190.3	-79.4	5.	0.0006	0.0007	0.1088	233.0	22.8
17593.	66.3	-58.9	191.9	191.9	-78.0	6.	0.0008	0.0008	0.1078	233.0	22.9
17640.	65.8	-58.6	193.6	193.6	-78.9	5.	0.0007	0.0007	0.1068	234.0	23.0
17678.	65.4	-58.5	194.6	194.6	-78.8	6.	0.0007	0.0007	0.1061	234.0	23.2
17725.	64.9	-58.5	195.6	195.6	-77.7	6.	0.0008	0.0009	0.1053	234.0	23.3
17775.	64.4	-58.4	196.9	196.9	-77.6	6.	0.0008	0.0009	0.1045	234.0	23.4
17814.	64.0	-58.2	198.2	198.2	-77.4	6.	0.0008	0.0009	0.1037	234.0	23.6
17863.	63.5	-58.0	199.7	199.7	-76.4	6.	0.0007	0.0008	0.1028	234.0	23.7
17903.	63.1	-57.9	200.5	200.5	-77.3	6.	0.0007	0.0009	0.1022	234.0	23.9
17953.	62.6	-57.7	201.8	201.8	-77.2	6.	0.0009	0.0010	0.1013	234.0	24.0
17994.	62.2	-57.7	203.1	203.1	-77.0	6.	0.0009	0.0010	0.1006	234.0	24.0
18044.	61.7	-57.6	204.5	204.5	-78.1	5.	0.0007	0.0008	0.0997	234.0	24.1
18085.	61.3	-57.6	205.3	205.3	-78.1	5.	0.0007	0.0008	0.0991	234.0	24.2
18137.	60.8	-57.5	206.7	206.7	-78.0	5.	0.0008	0.0008	0.0982	234.0	24.3
18179.	60.4	-57.5	207.6	207.6	-78.0	5.	0.0008	0.0008	0.0976	234.0	24.4
18231.	59.9	-57.4	209.0	209.0	-77.9	5.	0.0008	0.0008	0.0967	234.0	24.5
18273.	59.5	-57.4	209.7	209.7	-78.0	5.	0.0008	0.0008	0.0961	234.0	24.6
18316.	59.1	-57.7	210.1	210.1	-78.1	5.	0.0008	0.0008	0.0956	234.0	24.7
18369.	58.6	-57.7	211.1	211.1	-78.2	5.	0.0007	0.0008	0.0948	234.0	24.9
18412.	58.2	-57.7	212.0	212.0	-78.2	5.	0.0007	0.0008	0.0941	234.0	25.0
18456.	57.8	-57.7	213.4	213.4	-78.2	5.	0.0007	0.0008	0.0935	234.0	25.0
18505.	57.3	-57.7	215.4	215.4	-78.1	5.	0.0007	0.0008	0.0927	234.0	25.2
18559.	56.5	-57.6	216.6	216.6	-76.1	5.	0.0007	0.0008	0.0913	234.0	25.4
18644.	56.1	-57.5	217.8	217.8	-78.0	5.	0.0008	0.0008	0.0906	234.0	25.5
18689.	55.7	-57.5	218.8	218.8	-78.0	5.	0.0008	0.0008	0.0900	234.0	25.7
18734.	55.3	-57.4	220.1	220.1	-77.9	5.	0.0008	0.0008	0.0893	234.0	25.8
18780.	54.9	-57.4	221.1	221.1	-77.9	5.	0.0008	0.0008	0.0886	234.0	26.0
18826.	54.5	-57.3	222.4	222.4	-77.8	5.	0.0008	0.0009	0.0880	234.0	26.1
18873.	54.1	-57.4	223.2	223.2	-77.9	5.	0.0008	0.0008	0.0874	234.0	26.3
18920.	53.7	-57.4	224.4	224.4	-77.9	5.	0.0008	0.0008	0.0867	234.0	26.4
18955.	53.4	-57.4	225.0	225.0	-77.9	5.	0.0008	0.0008	0.0862	234.0	26.6
19002.	53.0	-57.3	226.6	226.6	-77.8	5.	0.0008	0.0009	0.0855	234.0	26.7
19050.	52.6	-57.2	227.7	227.7	-77.7	5.	0.0008	0.0009	0.0849	234.0	26.9
19098.	52.2	-57.2	228.9	228.9	-79.2	4.	0.0006	0.0007	0.0842	234.0	27.0
19147.	51.8	-57.4	230.5	230.5	-79.3	4.	0.0006	0.0007	0.0836	234.0	27.3
19196.	51.4	-57.4	231.6	231.6	-79.3	4.	0.0006	0.0007	0.0830	234.0	27.4
19245.	51.0	-57.3	232.7	232.7	-77.8	5.	0.0008	0.0009	0.0823	234.0	27.7
19282.	50.7	-57.3	234.1	234.1	-77.7	5.	0.0008	0.0009	0.0811	234.0	27.9
19332.	50.3	-57.2	235.7	235.7	-79.0	4.	0.0006	0.0007	0.0804	234.0	28.0
19381.	49.9	-56.9	237.1	237.1	-78.9	4.	0.0007	0.0007	0.0797	234.0	28.3
19434.	49.5	-56.8	238.2	238.2	-78.8	4.	0.0007	0.0007	0.0792	234.0	28.4
19472.	49.2	-56.8	239.4	239.4	-78.8	4.	0.0007	0.0007	0.0786	234.0	28.6
19524.	48.8	-56.6	240.4	240.4	-78.5	4.	0.0007	0.0007	0.0780	234.0	28.9
19576.	48.4	-56.9	241.3	241.3	-78.9	4.	0.0007	0.0007	0.0775	234.0	29.0
19615.	48.1	-56.6	242.6	242.6	-78.6	4.	0.0007	0.0007	0.0768	234.0	29.1
19668.	47.7	-56.6	243.7	243.7	-78.6	4.	0.0007	0.0007	0.0763	234.0	29.3
19708.	47.4	-56.7	245.7	245.7	-78.7	4.	0.0007	0.0007	0.0756	234.0	29.4
19761.	47.0	-56.6	246.7	246.7	-78.6	4.	0.0007	0.0008	0.0750	234.0	29.8
19815.	46.6	-56.5	247.9	247.9	-78.5	4.	0.0007	0.0008	0.0744	234.0	29.8
19856.	46.3	-56.5	249.2	249.2	-78.5	4.	0.0007	0.0009	0.0738	234.0	30.0
19911.	45.9	-56.4	250.4	250.4	-78.5	4.	0.0007	0.0008	0.0733	234.0	30.2
19953.	45.6	-56.3	252.0	252.0	-78.4	4.	0.0007	0.0008	0.0726	234.0	30.4
20009.	45.2	-56.2	253.2	253.2	-78.3	4.	0.0007	0.0008	0.0721	234.0	30.6
20051.	44.9	-56.1	254.4	254.4	-78.3	4.	0.0007	0.0008	0.0714	234.0	30.8
20108.	44.5	-56.1	255.8	255.8	-77.8	4.	0.0007	0.0008	0.0709	234.0	31.0
20155.	44.2	-56.0	256.3	256.3	-77.8	4.	0.0007	0.0008	0.0703	234.0	31.4
20194.	43.9	-55.9	258.1	258.1	-77.6	4.	0.0007	0.0008	0.0696	234.0	31.4
20252.	43.5	-55.5	261.1	261.1	-77.4	4.	0.0007	0.0009	0.0689	234.0	31.8
20296.	43.2	-55.5	264.7	264.7	-77.3	4.	0.0007	0.0009	0.0683	234.0	31.8
20341.	42.8	-55.4	266.2	266.2	-77.2	4.	0.0007	0.0010	0.0674	234.0	32.7
20385.	42.5	-54.8	267.9	267.9	-78.7	3.	0.0007	0.0007	0.0668	234.0	33.0
20431.	41.9	-54.5	269.1	269.1	-78.7	3.	0.0007	0.0007	0.0663	234.0	33.2
20531.	41.6	-54.4	270.1	270.1	-78.6	3.	0.0007	0.0007	0.0659	234.0	33.8
20569.	41.4	-54.4									

SOUNDING 26.8
 LATITUDE -61.4 LONGITUDE 2.7
 DATE 10-28-01 TIME 1211 GMT
 NUMBER OF LEVELS 421

HEIGHT (M)	PRES (MR)	T (C)	THETA (C)	THETA V (C)	DE. POINT (C)	REL HUM (%)	E (MR)	1E+3-RH0W (G/M+3)	R40 (KG/M+3)	D1R (DEC)	SPEED (M/S)
0.	972.0	-12.7	-10.4	-1.7	-14.7	87.	1.8149	1.5177	1.1006	231.0	12.0
34.	967.1	-12.3	-9.8	-1.7	-22.3	35.	0.8234	0.7156	1.1252	231.0	11.0
60.	961.9	-12.3	-9.4	-1.7	-21.8	41.	0.8730	0.7509	1.1285	232.0	12.1
121.	956.7	-12.6	-9.3	-1.7	-21.6	43.	0.8890	0.7657	1.1279	232.0	12.4
150.	951.8	-12.8	-9.1	-1.7	-21.3	45.	0.9135	0.7863	1.1274	232.0	12.4
197.	947.2	-13.4	-9.2	-1.7	-21.3	45.	0.9447	0.8146	1.1267	232.0	12.4
236.	942.6	-13.7	-9.4	-1.7	-21.1	45.	0.9142	0.7897	1.1267	232.0	12.4
274.	937.6	-14.7	-9.5	-1.7	-21.4	45.	0.9144	0.7895	1.1264	232.0	12.4
314.	932.7	-15.7	-10.7	-1.7	-21.4	45.	0.9144	0.7895	1.1264	232.0	12.4
351.	927.1	-16.7	-10.7	-1.7	-21.4	45.	0.9144	0.7895	1.1264	232.0	12.4
389.	922.4	-17.7	-10.7	-1.7	-21.2	45.	0.9144	0.7895	1.1264	232.0	12.4
427.	918.7	-17.6	-10.7	-1.7	-21.2	45.	0.9144	0.7895	1.1264	232.0	12.4
467.	913.4	-17.6	-10.7	-1.7	-21.2	45.	0.9144	0.7895	1.1264	232.0	12.4
504.	908.8	-17.6	-10.7	-1.7	-21.2	45.	0.9144	0.7895	1.1264	232.0	12.4
547.	904.1	-17.6	-10.7	-1.7	-21.2	45.	0.9144	0.7895	1.1264	232.0	12.4
587.	899.2	-17.6	-10.7	-1.7	-21.2	45.	0.9144	0.7895	1.1264	232.0	12.4
627.	894.3	-17.6	-10.7	-1.7	-21.2	45.	0.9144	0.7895	1.1264	232.0	12.4
671.	889.5	-17.6	-10.7	-1.7	-21.2	45.	0.9144	0.7895	1.1264	232.0	12.4
714.	884.5	-17.6	-10.7	-1.7	-21.2	45.	0.9144	0.7895	1.1264	232.0	12.4
767.	879.5	-17.6	-10.7	-1.7	-21.2	45.	0.9144	0.7895	1.1264	232.0	12.4
816.	874.5	-17.6	-10.7	-1.7	-21.2	45.	0.9144	0.7895	1.1264	232.0	12.4
869.	869.5	-17.6	-10.7	-1.7	-21.2	45.	0.9144	0.7895	1.1264	232.0	12.4
920.	864.5	-17.6	-10.7	-1.7	-21.2	45.	0.9144	0.7895	1.1264	232.0	12.4
972.	859.5	-17.6	-10.7	-1.7	-21.2	45.	0.9144	0.7895	1.1264	232.0	12.4
1027.	854.4	-17.6	-10.7	-1.7	-21.2	45.	0.9144	0.7895	1.1264	232.0	12.4
1080.	849.4	-17.6	-10.7	-1.7	-21.2	45.	0.9144	0.7895	1.1264	232.0	12.4
1130.	844.4	-17.6	-10.7	-1.7	-21.2	45.	0.9144	0.7895	1.1264	232.0	12.4
1178.	839.4	-17.6	-10.7	-1.7	-21.2	45.	0.9144	0.7895	1.1264	232.0	12.4
1220.	834.4	-17.6	-10.7	-1.7	-21.2	45.	0.9144	0.7895	1.1264	232.0	12.4
1255.	829.4	-17.6	-10.7	-1.7	-21.2	45.	0.9144	0.7895	1.1264	232.0	12.4
1285.	824.4	-17.6	-10.7	-1.7	-21.2	45.	0.9144	0.7895	1.1264	232.0	12.4

HEIGHT (M)	PRESS (HPA)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	F (MM)	1E+3 RHOW (G/M+3)	RHO (KG/M+3)	DIR (DEG)	SPEED (M/S)
1352.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1350.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1348.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1346.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1344.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1342.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1340.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1338.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1336.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1334.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1332.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1330.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1328.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1326.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1324.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1322.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1320.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1318.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1316.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1314.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1312.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1310.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1308.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1306.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1304.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1302.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1300.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1308.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1306.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1304.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1302.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1300.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1298.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1296.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1294.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1292.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1290.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1288.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1286.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1284.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1282.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1280.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1278.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1276.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1274.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1272.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1270.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1268.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1266.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1264.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1262.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1260.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1258.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1256.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1254.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1252.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1250.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1248.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1246.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1244.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1242.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1240.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1238.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1236.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1234.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1232.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1230.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1228.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1226.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1224.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1222.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1220.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1218.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1216.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1214.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1212.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1210.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1208.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1206.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1204.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1202.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1200.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1198.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1196.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1194.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1192.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1190.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1188.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1186.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1184.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1182.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1180.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1178.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1176.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1174.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1172.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1170.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1168.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1166.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1164.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1162.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1160.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1158.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1156.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374	0.1009	1.1017	228.0	3.7
1154.0	612.5	-1.0	-1.0	-1.0	-41.6	7.0	0.1374				

HEIGHT (4)	PRES (5)	T (6)	THETA (7)	THETA V (8)	DEW POINT (9)	REL HUM (10)	F (11)	1E+3*P*H*W (12)	RHO (13)	AIR (14)	SPEED (15)
7115	35.7	-2.4	2.7	2.7	-73.6	0.	15	0.00116	0.667	242.0	242.0
7154	35.7	-2.4	2.7	2.7	-73.6	0.	15	0.00116	0.667	242.0	242.0
7199	35.5	-2.4	2.7	2.7	-73.5	0.	14	0.00116	0.667	242.0	242.0
7241	35.5	-2.4	2.7	2.7	-74.3	0.	14	0.00115	0.667	242.0	242.0
7284	35.5	-2.4	2.7	2.7	-74.3	0.	14	0.00115	0.667	242.0	242.0
7326	35.5	-2.4	2.7	2.7	-74.3	0.	14	0.00115	0.667	242.0	242.0
7371	35.4	-2.4	2.7	2.7	-74.7	0.	14	0.00114	0.667	242.0	242.0
7418	35.3	-2.4	2.7	2.7	-75.1	0.	14	0.00114	0.667	242.0	242.0
7464	35.3	-2.4	2.7	2.7	-75.5	0.	14	0.00113	0.667	242.0	242.0
7508	35.3	-2.4	2.7	2.7	-75.6	0.	14	0.00113	0.667	242.0	242.0
7554	35.3	-2.4	2.7	2.7	-75.5	0.	14	0.00112	0.667	242.0	242.0
7597	35.3	-2.4	2.7	2.7	-75.1	0.	14	0.00111	0.667	242.0	242.0
7642	35.0	-2.4	2.7	2.7	-75.4	0.	14	0.00111	0.667	242.0	242.0
7687	35.1	-2.4	2.7	2.7	-76.5	0.	14	0.00111	0.667	242.0	242.0
7738	35.1	-2.4	2.7	2.7	-76.7	0.	14	0.00111	0.667	242.0	242.0
7786	35.1	-2.4	2.7	2.7	-76.7	0.	14	0.00111	0.667	242.0	242.0
7836	35.1	-2.4	2.7	2.7	-77.4	0.	14	0.00111	0.667	242.0	242.0
7886	35.1	-2.4	2.7	2.7	-77.1	0.	14	0.00111	0.667	242.0	242.0
7931	35.1	-2.4	2.7	2.7	-77.7	0.	14	0.00111	0.667	242.0	242.0
7977	35.1	-2.4	2.7	2.7	-77.7	0.	14	0.00111	0.667	242.0	242.0
8024	35.1	-2.4	2.7	2.7	-78.0	0.	14	0.00111	0.667	242.0	242.0
8070	35.1	-2.4	2.7	2.7	-78.3	0.	14	0.00111	0.667	242.0	242.0
8116	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
8162	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
8208	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
8254	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
8300	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
8346	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
8392	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
8438	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
8484	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
8530	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
8576	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
8622	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
8668	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
8714	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
8760	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
8806	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
8852	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
8898	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
8944	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
8990	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
9036	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
9082	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
9128	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
9174	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
9220	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
9266	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
9312	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
9358	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
9404	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
9450	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
9496	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
9542	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
9588	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
9634	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
9680	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
9726	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
9772	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
9818	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
9864	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
9910	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
9956	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
10002	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
10048	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
10094	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
10140	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
10186	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
10232	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
10278	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
10324	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
10370	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
10416	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
10462	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
10508	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
10554	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
10600	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
10646	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
10692	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
10738	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
10784	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
10830	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
10876	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
10922	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
10968	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
11014	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
11060	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
11106	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
11152	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
11198	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
11244	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
11290	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
11336	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
11382	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
11428	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
11474	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
11520	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
11566	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
11612	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
11658	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
11704	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
11750	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
11796	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
11842	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
11888	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
11934	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
11980	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0
12026	35.1	-2.4	2.7	2.7	-78.6	0.	14	0.00111	0.667	242.0	242.0

HEIGHT (M)	PRES (MR)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MM)	1E+3-RHOM (G/M+3)	RHO (KG/M+3)	D1R (DEG)	SPEED (M/S)
12090.	161.3	-64.6	78.0	78.0	-86.7	3.	0.00002	0.00002	3.2694	250.0	24.6
12136.	160.1	-64.4	79.1	79.1	-86.6	3.	0.00002	0.00002	3.2672	249.0	24.6
12186.	158.8	-64.3	80.1	80.1	-86.5	3.	0.00002	0.00002	3.2649	249.0	24.6
12232.	157.6	-64.2	81.0	81.0	-86.4	3.	0.00002	0.00002	3.2627	249.0	24.6
12283.	156.3	-64.1	81.9	81.9	-86.4	3.	0.00002	0.00002	3.2606	249.0	24.6
12334.	155.0	-64.0	82.6	82.6	-86.3	3.	0.00001	0.00001	3.2585	249.0	24.6
12385.	153.7	-64.0	83.5	83.5	-86.3	3.	0.00001	0.00001	3.2567	249.0	24.6
12436.	152.4	-64.0	84.1	84.1	-86.3	3.	0.00002	0.00002	3.2547	249.0	24.6
12489.	151.6	-64.2	85.0	85.0	-86.4	3.	0.00002	0.00002	3.2527	249.0	24.6
12541.	150.4	-64.1	86.0	86.0	-86.6	3.	0.00001	0.00001	3.2506	249.0	24.6
12592.	149.3	-64.2	86.6	86.6	-88.7	3.	0.00001	0.00001	3.2489	249.0	24.6
12643.	148.2	-64.3	87.1	87.1	-88.6	3.	0.00001	0.00001	3.2472	249.0	24.6
12694.	147.1	-64.4	87.7	87.7	-88.8	3.	0.00001	0.00001	3.2455	249.0	24.6
12745.	146.0	-64.7	88.6	88.6	-89.1	3.	0.00001	0.00001	3.2440	249.0	24.6
12796.	144.9	-64.3	89.5	89.5	-88.6	3.	0.00001	0.00001	3.2417	249.0	24.6
12847.	143.8	-64.2	90.4	90.4	-88.7	3.	0.00001	0.00001	3.2397	249.0	24.6
12898.	142.8	-64.1	91.2	91.2	-88.4	3.	0.00002	0.00002	3.2381	249.0	24.6
12949.	141.6	-64.3	91.7	91.7	-88.8	3.	0.00001	0.00001	3.2365	249.0	24.6
13000.	140.8	-64.3	92.5	92.5	-88.8	3.	0.00001	0.00001	3.2349	249.0	24.6
13051.	139.8	-64.3	93.4	93.4	-88.7	3.	0.00001	0.00001	3.2331	249.0	24.6
13102.	138.7	-64.1	94.4	94.4	-88.6	3.	0.00001	0.00001	3.2311	249.0	24.6
13153.	137.7	-64.0	95.3	95.3	-88.5	3.	0.00001	0.00001	3.2294	249.0	24.6
13204.	136.7	-63.8	96.4	96.4	-88.4	3.	0.00001	0.00002	3.2275	249.0	24.6
13255.	135.7	-63.5	97.7	97.7	-88.1	3.	0.00001	0.00002	3.2255	249.0	24.6
13306.	134.7	-63.6	98.3	98.3	-88.2	3.	0.00001	0.00002	3.2239	249.0	24.6
13357.	133.7	-63.7	99.0	99.0	-88.3	3.	0.00001	0.00002	3.2224	249.0	24.6
13408.	132.8	-63.7	99.7	99.7	-88.3	3.	0.00001	0.00002	3.2209	249.0	24.6
13459.	131.8	-63.8	100.3	100.3	-88.4	3.	0.00001	0.00002	3.2193	249.0	24.6
13510.	130.9	-64.0	100.7	100.7	-88.5	3.	0.00001	0.00001	3.2180	249.0	24.6
13561.	130.0	-64.1	101.2	101.2	-88.6	3.	0.00001	0.00001	3.2166	249.0	24.6
13612.	129.0	-64.3	101.7	101.7	-88.7	3.	0.00001	0.00001	3.2152	249.0	24.6
13663.	128.0	-64.3	102.6	102.6	-88.8	3.	0.00001	0.00001	3.2136	249.0	24.6
13714.	127.2	-64.3	103.2	103.2	-88.9	3.	0.00001	0.00001	3.2122	249.0	24.6
13765.	126.3	-64.5	103.6	103.6	-88.9	3.	0.00001	0.00001	3.2109	249.0	24.6
13816.	125.3	-64.6	104.3	104.3	-89.0	3.	0.00001	0.00001	3.2093	249.0	24.6
13867.	124.4	-64.3	105.6	105.6	-88.8	3.	0.00001	0.00001	3.2075	249.0	24.6
13918.	123.4	-64.2	106.5	106.5	-88.7	3.	0.00001	0.00001	3.2061	249.0	24.6
13969.	122.6	-64.1	107.6	107.6	-88.6	3.	0.00001	0.00001	3.2043	249.0	24.6
14020.	121.7	-64.0	108.5	108.5	-88.5	3.	0.00001	0.00001	3.2027	249.0	24.6
14071.	120.9	-63.8	109.6	109.6	-88.4	3.	0.00001	0.00002	3.2012	249.0	24.6
14122.	120.0	-63.6	110.6	110.6	-88.2	3.	0.00001	0.00002	3.1995	249.0	24.6
14173.	119.2	-63.3	112.1	112.1	-88.0	3.	0.00001	0.00002	3.1979	249.0	24.6
14224.	118.4	-62.9	113.6	113.6	-87.7	3.	0.00001	0.00002	3.1962	249.0	24.6
14275.	117.5	-63.0	114.2	114.2	-87.8	3.	0.00001	0.00002	3.1948	249.0	24.6
14326.	116.7	-63.1	114.8	114.8	-87.8	3.	0.00001	0.00002	3.1935	249.0	24.6
14377.	115.8	-63.2	115.7	115.7	-87.9	3.	0.00001	0.00002	3.1921	249.0	24.6
14428.	114.9	-63.2	116.3	116.3	-87.9	3.	0.00001	0.00002	3.1906	249.0	24.6
14479.	114.0	-63.2	117.2	117.2	-87.9	3.	0.00001	0.00002	3.1892	249.0	24.6
14530.	113.2	-63.1	118.0	118.0	-87.9	3.	0.00001	0.00002	3.1878	249.0	24.6
14581.	112.3	-63.1	119.1	119.1	-87.8	3.	0.00001	0.00002	3.1862	249.0	24.6
14632.	111.5	-63.0	120.1	120.1	-87.8	3.	0.00001	0.00002	3.1848	249.0	24.6
14683.	110.7	-63.1	120.7	120.7	-87.8	3.	0.00001	0.00002	3.1836	249.0	24.6
14734.	109.8	-63.1	121.6	121.6	-87.8	3.	0.00001	0.00002	3.1821	249.0	24.6
14785.	109.0	-63.1	122.4	122.4	-87.8	3.	0.00001	0.00002	3.1808	249.0	24.6
14836.	108.1	-63.1	123.4	123.4	-87.8	3.	0.00001	0.00002	3.1793	249.0	24.6
14887.	107.3	-63.2	124.4	124.4	-87.9	3.	0.00001	0.00002	3.1780	249.0	24.6
14938.	106.4	-63.4	125.6	125.6	-88.1	3.	0.00001	0.00002	3.1767	249.0	24.6
14989.	105.6	-63.5	126.6	126.6	-88.1	3.	0.00001	0.00002	3.1756	249.0	24.6
15040.	104.8	-63.5	127.7	127.7	-88.2	3.	0.00001	0.00002	3.1742	249.0	24.6
15091.	104.0	-63.5	128.9	128.9	-88.1	3.	0.00001	0.00002	3.1727	249.0	24.6
15142.	103.3	-63.3	130.2	130.2	-88.0	3.	0.00001	0.00002	3.1700	249.0	24.6
15193.	102.5	-63.3	131.6	131.6	-87.8	3.	0.00001	0.00002	3.1685	249.0	24.6
15244.	101.7	-63.1	132.6	132.6	-87.5	3.	0.00001	0.00002	3.1670	249.0	24.6
15295.	100.9	-63.1	133.5	133.5	-87.5	3.	0.00001	0.00002	3.1656	249.0	24.6
15346.	100.1	-63.1	134.1	134.1	-88.0	3.	0.00001	0.00002	3.1642	249.0	24.6
15397.	99.2	-63.3	135.5	135.5	-88.1	3.	0.00001	0.00002	3.1629	249.0	24.6
15448.	98.4	-63.4	136.6	136.6	-88.1	3.	0.00001	0.00002	3.1614	249.0	24.6
15499.	97.5	-63.3	137.7	137.7	-87.7	3.	0.00001	0.00002	3.1600	249.0	24.6
15550.	96.7	-63.1	138.8	138.8	-87.5	3.	0.00001	0.00002	3.1584	249.0	24.6
15601.	95.8	-63.0	139.9	139.9	-87.5	3.	0.00001	0.00002	3.1570	249.0	24.6
15652.	94.9	-63.0	140.8	140.8	-91.7	3.	0.00001	0.00001	3.1558	249.0	24.6
15703.	94.0	-63.2	141.1	141.1	-91.7	3.	0.00001	0.00001	3.1546	249.0	24.6
15754.	93.1	-63.3	141.1	141.1	-91.8	3.	0.00001	0.00002	3.1536	249.0	24.6
15805.	92.2	-63.4	142.0	142.0	-91.8	3.	0.00001	0.00002	3.1523	249.0	24.6
15856.	91.3	-63.4	143.7	143.7	-91.8	3.	0.00001	0.00001	3.1511	249.0	24.6
15907.	90.4	-63.4	144.6	144.6	-91.8	3.	0.00001	0.00001	3.1500	249.0	24.6
15958.	89.5	-63.3	145.5	145.5	-91.7	3.	0.00001	0.00001	3.1488	249.0	24.6
16009.	88.6	-63.1	147.7	147.7	-91.7	3.	0.00001	0.00001	3.1474	249.0	24.6
16060.	87.7	-63.3	148.4	148.4	-91.5	3.	0.00001	0.00001	3.1462	249.0	24.6
16111.	86.8	-63.4	149.4	149.4	-91.4	3.	0.00001	0.00001	3.1449	249.0	24.6
16162.	85.9	-62.2	151.2	151.2	-87.4	3.	0.00001	0.00001	3.1436	249.0	24.6
16213.	85.0	-62.2	152.4	152.4	-87.4	3.	0.00001	0.00001	3.1423	249.0	24.6
16264.	84.1	-62.2	153.4	153.4	-87.7	3.	0.00001	0.00001	3.1411	249.0	24.6
16315.	83.2	-62.2	154.4	154.4	-87.7	3.	0.00001	0.00001	3.1399	249.0	24.6
16366.	82.3	-62.1	155.4	155.4	-89.7	3.	0.00001	0.00001	3.1386	249.0	24.6
16417.	81.4	-61.4	158.4	158.4	-90.4	3.	0.00001	0.00001	3.1374	249.0	24.6
16468.	80.5	-61.4	159.4	159.4	-90.4	3.	0.00001	0.00001	3.1359	249.0	24.6
16519.	79.6	-61.1	160.2	160.2	-90.5	3.	0.00001	0.00001	3.1348	249.0	24.6
16570.	78.7	-61.1	161.1	161.1	-90.6	3.	0.00001	0.00001	3.1337	249.0	24.6
16621.	77.8	-61.1	162.2	162.2	-90.6	3.	0.00001	0.00001	3.1326	249.0	24.6
16672.	76.9	-61.1	163.3	163.3	-90.7	3.	0.00001	0.00001	3.1315	249.0	24.6
16723.	76.0	-61.1	164.4	164.4	-90.7	3.	0.00001	0.00001	3.1304	249.0	24.6
16774.	75.1	-61.1	165.5	165.5	-90.7	3.	0.00001	0.00001	3.1293	249.0	24.6
16825.	74.2	-61.1	166.6	166.6	-90.7	3.	0.00001	0.00001	3.1283	249.0	24.6
16876.	73.3	-61.1	167.7	167.7	-90.7	3.	0.00001	0.00001	3.1271	249.0	24.6
16927.	72.4	-61.1	168.8	168.8	-90.7	3.	0.00001	0.00001	3.1259	249.0	24.6
16978.	71.5	-61.1	169.9	169.9	-90.7	3.	0.00001	0.00001	3.1248	249.0	24.6
17029.	70.6	-61.1	171.1	171.1	-90.7	3.	0.00001	0.00001	3.1228	249.0	24.6
17080.	69.7	-61.1	173.4	173.4	-90.7	3.	0.00001	0.00001	3.1217	249.0	24.6
17131.	68.8	-61.1	175.1	175.1	-90.7	3.	0.00001	0.00001	3.1206	249.0	24.6

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MM)	1E+3•RH0W (G/M+•3)	RH0 (KG/M+•3)	D1R (DEG)	SPEED (M/S)
17306.	69.0	-60.7	182.8	182.8	-89.8	1.	0.0001	0.0001	0.1131	257.0	26.5
17360.	68.4	-60.7	183.9	183.9	-89.8	1.	0.0001	0.0001	0.1122	257.0	26.6
17415.	67.8	-60.6	185.3	185.3	-89.8	1.	0.0001	0.0001	0.1111	257.0	26.6
17470.	67.2	-60.4	186.9	186.9	-89.6	1.	0.0001	0.0001	0.1100	257.0	26.5
17526.	66.6	-60.3	188.3	188.3	-89.5	1.	0.0001	0.0001	0.1090	258.0	26.5
17582.	66.0	-60.3	189.5	189.5	-89.5	1.	0.0001	0.0001	0.1080	258.0	26.6
17639.	65.4	-60.4	190.5	190.5	-89.7	1.	0.0001	0.0001	0.1071	259.0	26.7
17697.	64.8	-60.5	191.5	191.5	-89.7	1.	0.0001	0.0001	0.1062	259.0	26.7
17754.	64.2	-60.5	192.7	192.7	-89.7	1.	0.0001	0.0001	0.1052	260.0	26.8
17813.	63.6	-60.6	193.7	193.7	-85.9	2.	0.0002	0.0002	0.1042	260.0	26.8
17862.	63.1	-60.4	195.2	195.2	-85.7	2.	0.0002	0.0002	0.1033	260.0	26.6
17921.	62.5	-60.2	197.0	197.0	-85.6	2.	0.0002	0.0002	0.1022	261.0	26.8
17971.	62.0	-60.1	198.3	198.3	-85.4	1.	0.0001	0.0001	0.1014	261.0	26.8
18022.	61.5	-60.0	199.6	199.6	-89.3	1.	0.0001	0.0001	0.1005	262.0	26.8
18083.	60.9	-59.8	201.3	201.3	-89.3	1.	0.0001	0.0001	0.0994	263.0	26.7
18134.	60.4	-59.4	203.1	203.1	-88.9	1.	0.0001	0.0001	0.0985	264.0	26.6
18186.	59.9	-59.4	204.5	204.5	-88.9	1.	0.0001	0.0001	0.0976	265.0	27.0
18224.	59.3	-59.2	205.6	205.6	-88.8	1.	0.0001	0.0001	0.0969	265.0	27.2
18261.	58.7	-59.1	207.0	207.0	-88.8	1.	0.0001	0.0003	0.0954	266.0	27.3
18323.	58.0	-59.1	208.9	208.9	-86.6	1.	0.0001	0.0001	0.0941	266.0	27.5
18366.	57.3	-59.1	210.3	210.3	-84.7	2.	0.0002	0.0003	0.0939	267.0	27.7
18420.	56.7	-59.1	211.3	211.3	-88.6	1.	0.0001	0.0001	0.0933	267.0	27.7
18464.	56.1	-59.0	212.5	212.5	-88.6	1.	0.0001	0.0001	0.0926	267.0	27.8
18508.	55.5	-58.8	213.9	213.9	-88.4	1.	0.0001	0.0001	0.0918	268.0	28.0
18552.	55.0	-58.6	215.3	215.3	-88.4	1.	0.0001	0.0002	0.0911	268.0	28.2
18596.	54.4	-58.4	216.8	216.8	-84.2	2.	0.0003	0.0003	0.0904	269.0	28.5
18641.	53.8	-58.3	218.3	218.3	-84.2	2.	0.0003	0.0003	0.0895	269.0	28.5
18698.	53.2	-58.2	219.5	219.5	-84.0	2.	0.0003	0.0003	0.0888	269.0	28.8
18744.	52.6	-58.1	221.1	221.1	-83.3	2.	0.0003	0.0003	0.0880	270.0	28.9
18801.	52.0	-57.9	222.6	222.6	-83.3	2.	0.0003	0.0003	0.0872	270.0	29.1
18848.	51.4	-57.7	224.3	224.3	-87.2	1.	0.0002	0.0002	0.0856	270.0	29.4
18895.	50.8	-57.4	227.7	227.7	-87.2	1.	0.0002	0.0002	0.0849	270.0	29.2
19032.	50.2	-57.2	229.0	229.0	-83.0	3.	0.0003	0.0004	0.0833	270.0	29.5
19111.	51.7	-56.7	232.4	232.4	-86.6	1.	0.0002	0.0002	0.0826	271.0	30.0
19160.	51.3	-56.3	234.8	234.8	-86.6	1.	0.0002	0.0002	0.0816	271.0	30.3
19222.	50.8	-56.0	236.6	236.6	-86.2	1.	0.0002	0.0002	0.0809	271.0	30.7
19272.	50.4	-55.9	238.5	238.5	-86.2	1.	0.0002	0.0002	0.0800	271.0	30.7
19333.	49.9	-55.8	239.7	239.7	-86.2	1.	0.0002	0.0002	0.0793	271.0	30.9
19386.	49.5	-55.5	241.2	241.2	-86.2	1.	0.0002	0.0002	0.0785	271.0	31.1
19451.	49.0	-55.3	242.2	242.2	-86.2	1.	0.0002	0.0004	0.0779	272.0	31.4
19503.	48.6	-55.0	244.7	244.7	-86.2	2.	0.0004	0.0004	0.0772	272.0	31.7
19569.	48.1	-54.9	246.5	246.5	-86.2	2.	0.0004	0.0004	0.0765	274.0	32.4
19622.	47.7	-54.8	248.5	248.5	-86.2	2.	0.0004	0.0004	0.0757	274.0	32.7
19668.	47.2	-54.6	249.8	249.8	-86.2	2.	0.0004	0.0004	0.0750	275.0	32.9
19745.	46.4	-54.5	251.3	251.3	-86.2	1.	0.0002	0.0002	0.0743	275.0	33.1
19797.	46.0	-54.5	252.5	252.5	-85.9	1.	0.0002	0.0002	0.0736	275.0	33.3
19852.	45.7	-54.4	254.3	254.3	-81.7	2.	0.0005	0.0005	0.0724	275.0	33.4
19894.	45.3	-54.2	256.4	256.4	-81.5	2.	0.0005	0.0005	0.0717	274.0	33.6
19950.	44.9	-54.0	258.7	258.7	-81.1	2.	0.0005	0.0005	0.0703	274.0	34.1
20006.	44.5	-54.4	261.4	261.4	-81.1	2.	0.0005	0.0005	0.0698	273.0	34.1
20064.	44.1	-54.4	263.7	263.7	-80.9	2.	0.0005	0.0005	0.0691	271.0	34.0
20121.	43.8	-54.4	265.5	265.5	-80.9	2.	0.0005	0.0005	0.0680	271.0	34.5
20165.	43.4	-54.4	267.7	267.7	-80.6	2.	0.0006	0.0006	0.0668	270.0	34.1
20224.	43.0	-54.4	270.3	270.3	-79.1	2.	0.0007	0.0008	0.0664	270.0	33.9
20268.	42.6	-54.4	273.4	273.4	-79.5	2.	0.0007	0.0007	0.0656	269.0	33.3
20313.	42.1	-54.3	276.3	276.3	-79.5	2.	0.0007	0.0007	0.0650	269.0	33.1
20373.	41.6	-54.1	278.2	278.2	-79.2	2.	0.0006	0.0007	0.0644	267.0	33.0

SOUNDING 27.0
 LATITUDE -61.6 LONGITUDE 2.5
 DATE 13-28-71 TIME 2335 GMT
 NUMBER OF LEVELS 434

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MM)	1E+3•RH0W (G/M+•3)	RH0 (KG/M+•3)	D1R (DEG)	SPEED (M/S)
0.	275.5	-13.5	-11.7	-11.5	-15.4	74.	1.6022	1.3452	1.3161	350.0	5.0
65.	962.7	-12.8	-10.3	-10.1	-15.0	82.	1.6497	1.3971	1.2949	299.0	4.4
135.	958.3	-13.6	-10.4	-10.3	-16.0	80.	1.5121	1.2725	1.2875	302.0	4.6
202.	949.9	-14.3	-10.5	-10.3	-17.1	77.	1.3652	1.1537	1.2795	305.0	4.4
268.	941.7	-15.0	-10.5	-10.4	-17.1	75.	1.2446	1.0576	1.2718	304.0	4.2
333.	933.6	-15.6	-10.6	-10.4	-19.0	73.	1.1463	0.9771	1.2638	311.0	4.0
397.	925.2	-16.3	-10.6	-10.5	-19.9	71.	1.0466	0.8935	1.2567	316.0	3.8
463.	916.3	-16.7	-10.7	-10.6	-21.1	68.	0.9466	0.8242	1.2492	317.0	3.5
522.	911.4	-17.4	-10.7	-10.6	-21.1	67.	0.8727	0.7522	1.2416	319.0	3.5
587.	902.4	-18.1	-10.7	-10.4	-23.6	65.	0.8076	0.6984	1.2332	319.0	3.3
655.	894.3	-18.7	-10.5	-10.4	-23.6	62.	0.7278	0.6323	1.2250	323.0	3.2
721.	886.4	-19.4	-10.5	-10.4	-24.6	60.	0.6589	0.5745	1.2175	325.0	3.0
786.	878.6	-19.7	-10.2	-10.1	-25.8	58.	0.6184	0.5415	1.2082	326.0	2.8
848.	871.3	-19.8	-9.5	-9.4	-22.2	56.	0.7862	0.6885	1.1847	327.0	2.6
911.	864.2	-19.7	-9.4	-9.2	-25.5	55.	1.0156	0.8726	1.1617	326.0	2.4
969.	857.5	-19.3	-9.5	-9.4	-25.5	55.	1.0472	0.8965	1.1514	324.0	2.4
1028.	850.3	-19.3	-9.4	-9.4	-19.7	57.	1.0462	0.8914	1.1416	329.0	3.1
1087.	843.7	-19.3	-9.4	-9.1	-19.7	57.	1.1143	0.9427	1.1248	330.0	3.2
1147.	837.0	-19.7	-9.4	-9.4	-19.7	56.	1.1140	0.9417	1.1167	332.0	3.7
1206.	830.6	-19.4	-9.5	-9.4	-19.7	53.	1.1564	0.9855	1.1090	332.0	3.6
1264.	824.3	-19.1	-9.5	-9.7	-18.4	67.	1.2075	1.0276	1.1014	333.0	3.9
1324.	818.3	-19.1	-9.5	-9.7	-18.4	71.	1.2076	1.0274	1.0938	333.0	4.0
1383.	812.0	-19.1	-9.5	-9.7	-18.4	72.	1.2077	1.0262	1.0862	333.0	4.2
1442.	805.7	-19.1	-9.5	-9.7	-18.4	73.	1.2078	1.0258	1.0784	333.0	4.4
1500.	799.3	-19.1	-9.5	-9.7	-18.4	74.	1.2079	1.0251	1.0703	333.0	4.6
1557.	792.1	-19.1	-9.5	-9.7	-18.4	75.	1.2079	1.0243	1.0620	332.0	4.8
1615.	785.6	-19.1	-9.5	-9.7	-18.4	75.	1.2079	1.0243	1.0536	332.0	5.1
1673.	779.1	-19.1	-9.5	-9.7	-18.4	75.	1.2079	1.0243	1.0450	332.0	5.4
1732.	772.7	-19.1	-9.5	-9.7	-18.4	75.	1.2079	1.0243	1.0373	332.0	5.7
1791.	766.4	-19.1	-9.5	-9.7	-18.4	75.	1.2079	1.0243	1.0302	332.0	6.0
1850.	760.1	-19.1	-9.5	-9.7	-18.4	75.	1.2079	1.0243	1.0226	332.0	6.3
1909.	753.7	-19.1	-9.5	-9.7	-18.4	75.	1.2079	1.0243	1.0149	332.0	6.6
1968.	747.3	-19.1	-9.5	-9.7	-18.4	75.	1.2079	1.0243	1.0069	332.0	6.7

HEIGHT (M)	PRES (MM)	T (C)	THETA (C)	THEYAV (C)	DEW POINT (C)	REL HUM (%)	E (MM)	1E+3-PHOM (G/M+3)	RHO (KG/M+3)	DPR (C/G)	SPEED (M/S)
2122.	736.2	-16.2	7.3	7.4	-19.5	73.	1.0813	0.9255	0.9990	323.0	7.0
2181.	730.4	-16.4	7.7	7.9	-19.9	72.	1.1487	0.8972	0.9919	322.0	7.2
2243.	724.4	-16.7	8.0	8.2	-20.2	72.	1.0197	0.8734	0.9849	321.0	7.4
2303.	718.6	-16.6	8.4	8.6	-20.1	72.	1.0292	0.8812	0.9766	321.0	7.6
2363.	712.9	-16.6	9.0	9.2	-20.1	71.	1.0244	0.8773	0.9685	321.0	7.8
2421.	707.4	-16.6	9.4	9.6	-20.0	71.	1.0244	0.8773	0.9685	321.0	8.0
2484.	701.5	-17.2	10.1	10.2	-20.4	70.	1.0244	0.8773	0.9685	320.0	8.2
2544.	695.5	-17.1	10.4	10.5	-20.7	70.	1.0244	0.8773	0.9685	320.0	8.4
2603.	689.4	-17.1	10.4	10.5	-20.7	70.	1.0244	0.8773	0.9685	320.0	8.6
2665.	683.7	-17.6	10.5	10.6	-20.4	70.	1.0244	0.8773	0.9685	320.0	8.8
2727.	677.1	-19.0	10.7	10.8	-20.0	70.	1.0244	0.8773	0.9685	320.0	9.0
2786.	671.6	-19.5	10.8	10.9	-20.0	70.	1.0244	0.8773	0.9685	320.0	9.2
2845.	666.0	-20.0	10.9	11.0	-20.0	70.	1.0244	0.8773	0.9685	320.0	9.4
2904.	660.0	-20.5	11.0	11.1	-20.0	70.	1.0244	0.8773	0.9685	320.0	9.6
2963.	654.7	-20.9	11.2	11.3	-20.0	70.	1.0244	0.8773	0.9685	320.0	9.8
3023.	649.3	-21.4	11.3	11.4	-20.0	70.	1.0244	0.8773	0.9685	320.0	10.0
3083.	643.7	-21.9	11.3	11.4	-20.0	70.	1.0244	0.8773	0.9685	320.0	10.2
3141.	642.9	-22.4	11.4	11.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	10.4
3204.	636.5	-22.9	11.4	11.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	10.6
3266.	631.1	-23.3	11.8	11.9	-20.0	70.	1.0244	0.8773	0.9685	320.0	10.8
3326.	625.6	-23.3	12.2	12.3	-20.0	70.	1.0244	0.8773	0.9685	320.0	11.0
3385.	620.3	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	11.2
3445.	614.7	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	11.4
3505.	609.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	11.6
3565.	603.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	11.8
3625.	597.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	12.0
3684.	591.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	12.2
3744.	585.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	12.4
3803.	579.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	12.6
3863.	573.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	12.8
3923.	567.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	13.0
3983.	561.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	13.2
4043.	555.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	13.4
4103.	549.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	13.6
4163.	543.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	13.8
4223.	537.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	14.0
4283.	531.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	14.2
4343.	525.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	14.4
4403.	519.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	14.6
4463.	513.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	14.8
4523.	507.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	15.0
4583.	501.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	15.2
4643.	495.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	15.4
4703.	489.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	15.6
4763.	483.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	15.8
4823.	477.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	16.0
4883.	471.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	16.2
4943.	465.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	16.4
5003.	459.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	16.6
5063.	453.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	16.8
5123.	447.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	17.0
5183.	441.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	17.2
5243.	435.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	17.4
5303.	429.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	17.6
5363.	423.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	17.8
5423.	417.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	18.0
5483.	411.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	18.2
5543.	405.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	18.4
5603.	399.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	18.6
5663.	393.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	18.8
5723.	387.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	19.0
5783.	381.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	19.2
5843.	375.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	19.4
5903.	369.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	19.6
5963.	363.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	19.8
6023.	357.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	20.0
6083.	351.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	20.2
6143.	345.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	20.4
6203.	339.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	20.6
6263.	333.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	20.8
6323.	327.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	21.0
6383.	321.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	21.2
6443.	315.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	21.4
6503.	309.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	21.6
6563.	303.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	21.8
6623.	297.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	22.0
6683.	291.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	22.2
6743.	285.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	22.4
6803.	279.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	22.6
6863.	273.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	22.8
6923.	267.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	23.0
6983.	261.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	23.2
7043.	255.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	23.4
7103.	249.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	23.6
7163.	243.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	23.8
7223.	237.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	24.0
7283.	231.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	24.2
7343.	225.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	24.4
7403.	219.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	24.6
7463.	213.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	24.8
7523.	207.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	25.0
7583.	201.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	25.2
7643.	195.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	25.4
7703.	189.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	25.6
7763.	183.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	25.8
7823.	177.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	26.0
7883.	171.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	26.2
7943.	165.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	26.4
8003.	159.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	26.6
8063.	153.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	26.8
8123.	147.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	27.0
8183.	141.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685	320.0	27.2
8243.	135.0	-23.3	12.4	12.5	-20.0	70.	1.0244	0.8773	0.9685		

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	P (MM)	1E+3*RHOW (G/M+3)	RHO (KG/M+3)	DIR (DEG)	SPEED (M/S)
8858.	275.6	-59.6	35.4	35.4	-63.8	56.	0.0064	0.0066	0.4496	279.0	25.5
8918.	272.9	-60.1	35.6	35.6	-64.3	56.	0.0064	0.0066	0.4496	279.0	25.5
8981.	273.2	-60.6	35.7	35.7	-64.8	56.	0.0064	0.0066	0.4496	279.0	25.5
9044.	267.5	-61.1	35.9	35.9	-65.3	56.	0.0064	0.0066	0.4496	279.0	25.5
9106.	264.8	-61.8	35.8	35.8	-65.9	56.	0.0064	0.0066	0.4496	279.0	25.5
9167.	262.2	-62.1	35.6	35.6	-66.0	56.	0.0064	0.0066	0.4496	279.0	25.5
9229.	259.7	-62.1	35.6	35.6	-67.2	56.	0.0064	0.0066	0.4496	279.0	25.5
9290.	257.0	-62.1	35.6	35.6	-67.7	56.	0.0064	0.0066	0.4496	279.0	25.5
9351.	254.3	-62.1	35.6	35.6	-68.1	56.	0.0064	0.0066	0.4496	279.0	25.5
9413.	251.6	-62.1	35.6	35.6	-68.4	56.	0.0064	0.0066	0.4496	279.0	25.5
9474.	248.9	-62.1	35.6	35.6	-68.4	56.	0.0064	0.0066	0.4496	279.0	25.5
9535.	246.2	-62.1	35.6	35.6	-68.5	56.	0.0064	0.0066	0.4496	279.0	25.5
9597.	243.5	-62.1	35.6	35.6	-68.7	56.	0.0064	0.0066	0.4496	279.0	25.5
9658.	240.8	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
9719.	238.1	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
9780.	235.4	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
9841.	232.7	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
9902.	230.0	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
9963.	227.3	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
10024.	224.6	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
10085.	221.9	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
10146.	219.2	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
10207.	216.5	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
10268.	213.8	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
10329.	211.1	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
10390.	208.4	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
10451.	205.7	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
10512.	203.0	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
10573.	200.3	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
10634.	197.6	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
10695.	194.9	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
10756.	192.2	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
10817.	189.5	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
10878.	186.8	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
10939.	184.1	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
11000.	181.4	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
11061.	178.7	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
11122.	176.0	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
11183.	173.3	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
11244.	170.6	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
11305.	167.9	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
11366.	165.2	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
11427.	162.5	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
11488.	159.8	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
11549.	157.1	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
11610.	154.4	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
11671.	151.7	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
11732.	149.0	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
11793.	146.3	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
11854.	143.6	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
11915.	140.9	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
11976.	138.2	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
12037.	135.5	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
12098.	132.8	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
12159.	130.1	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
12220.	127.4	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
12281.	124.7	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
12342.	122.0	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
12403.	119.3	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
12464.	116.6	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
12525.	113.9	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
12586.	111.2	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
12647.	108.5	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
12708.	105.8	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
12769.	103.1	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
12830.	100.4	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
12891.	97.7	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
12952.	95.0	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
13013.	92.3	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
13074.	89.6	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
13135.	86.9	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
13196.	84.2	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
13257.	81.5	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
13318.	78.8	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
13379.	76.1	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
13440.	73.4	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
13501.	70.7	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
13562.	68.0	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
13623.	65.3	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
13684.	62.6	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
13745.	59.9	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
13806.	57.2	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
13867.	54.5	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
13928.	51.8	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
14000.	49.1	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
14061.	46.4	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
14122.	43.7	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
14183.	41.0	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
14244.	38.3	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
14305.	35.6	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
14366.	32.9	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
14427.	30.2	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
14488.	27.5	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
14549.	24.8	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
14610.	22.1	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
14671.	19.4	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
14732.	16.7	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
14793.	14.0	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
14854.	11.3	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
14915.	8.6	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
14976.	5.9	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
15037.	3.2	-62.1	35.6	35.6	-68.9	56.	0.0064	0.0066	0.4496	279.0	25.5
15098.	0.5	-62.1									

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RH0W (G/M+3)	RHO (KG/M+3)	D1R (DEG)	SPEED (M/S)
14577.0	108.5	-62.5	124.1	124.1	-66.6	56.	0.0043	0.0045	0.1794	264.0	33.4
14628.0	107.6	-62.5	125.4	125.4	-66.4	56.	0.0044	0.0046	0.1778	264.0	33.5
14680.0	106.7	-62.1	126.8	126.8	-66.2	56.	0.0045	0.0048	0.1761	263.0	33.5
14732.0	105.8	-62.1	127.7	127.7	-66.2	56.	0.0045	0.0048	0.1746	263.0	33.5
14785.0	104.9	-62.1	128.7	128.7	-66.2	56.	0.0045	0.0048	0.1732	262.0	33.7
14838.0	104.0	-62.2	129.5	129.5	-66.4	56.	0.0045	0.0047	0.1717	262.0	33.8
14892.0	103.1	-62.3	130.3	130.3	-66.4	56.	0.0044	0.0046	0.1703	262.0	33.9
14940.0	102.3	-62.3	131.2	131.2	-66.4	56.	0.0044	0.0046	0.1690	261.0	34.0
14994.0	101.4	-62.2	132.4	132.4	-66.3	56.	0.0045	0.0047	0.1675	261.0	34.1
15049.0	100.5	-62.1	133.7	133.7	-66.2	56.	0.0045	0.0048	0.1659	260.0	34.2
15105.0	99.6	-62.0	134.9	134.9	-66.1	56.	0.0046	0.0048	0.1643	260.0	34.4
15155.0	98.8	-61.8	136.2	136.2	-65.9	56.	0.0047	0.0050	0.1629	259.0	34.4
15211.0	97.9	-61.9	137.1	137.1	-66.0	56.	0.0047	0.0049	0.1614	259.0	34.6
15262.0	97.1	-62.2	137.5	137.5	-66.3	56.	0.0045	0.0047	0.1604	258.0	34.7
15319.0	96.2	-62.1	138.2	138.2	-66.5	56.	0.0044	0.0046	0.1590	258.0	34.8
15371.0	95.4	-62.6	138.8	138.8	-66.7	56.	0.0042	0.0044	0.1578	258.0	35.0
15422.0	94.6	-62.6	139.8	139.8	-66.7	56.	0.0042	0.0044	0.1565	258.0	35.1
15475.0	93.8	-62.5	141.0	141.0	-66.6	56.	0.0043	0.0045	0.1551	258.0	35.3
15526.0	93.0	-62.4	142.2	142.2	-66.6	56.	0.0044	0.0046	0.1537	258.0	35.4
15577.0	92.1	-62.4	143.3	143.3	-66.5	56.	0.0044	0.0046	0.1522	258.0	35.4
15641.0	91.3	-62.4	144.4	144.4	-66.5	56.	0.0044	0.0046	0.1509	259.0	35.5
15689.0	90.6	-62.4	145.3	145.3	-66.5	56.	0.0044	0.0046	0.1498	259.0	35.6
15743.0	89.8	-62.4	146.4	146.4	-66.5	56.	0.0044	0.0046	0.1484	259.0	35.7
15791.0	89.1	-62.4	147.3	147.3	-66.5	56.	0.0044	0.0046	0.1473	260.0	35.8
15847.0	88.3	-62.4	148.4	148.4	-66.5	56.	0.0044	0.0046	0.1460	260.0	35.8
15896.0	87.6	-62.2	149.7	149.7	-66.3	56.	0.0045	0.0047	0.1447	261.0	35.9
15953.0	86.8	-61.9	151.4	151.4	-66.0	56.	0.0047	0.0049	0.1431	261.0	36.0
16003.0	86.1	-61.7	152.8	152.8	-65.8	56.	0.0048	0.0050	0.1419	262.0	36.1
16053.0	85.4	-61.6	154.4	154.4	-65.7	56.	0.0049	0.0051	0.1406	262.0	36.1
16104.0	84.7	-61.4	155.6	155.6	-65.6	56.	0.0050	0.0052	0.1394	262.0	36.3
16155.0	84.0	-61.4	156.7	156.7	-65.5	56.	0.0051	0.0053	0.1382	263.0	36.4
16207.0	83.3	-61.3	158.3	158.3	-65.3	56.	0.0051	0.0053	0.1370	263.0	36.4
16257.0	82.6	-61.2	160.2	160.2	-65.2	56.	0.0053	0.0055	0.1359	263.0	36.5
16308.0	81.9	-60.9	161.7	161.7	-65.0	56.	0.0054	0.0057	0.1347	263.0	36.6
16358.0	81.3	-60.8	162.8	162.8	-64.9	56.	0.0055	0.0057	0.1334	263.0	36.6
16408.0	80.7	-60.7	163.9	163.9	-64.9	56.	0.0055	0.0057	0.1323	263.0	36.7
16458.0	80.0	-60.6	164.6	164.6	-65.1	56.	0.0054	0.0056	0.1312	263.0	36.7
16513.0	79.3	-61.0	165.5	165.5	-65.2	56.	0.0053	0.0055	0.1302	263.0	36.7
16566.0	78.6	-61.0	166.6	166.6	-65.2	56.	0.0053	0.0055	0.1291	263.0	36.8
16623.0	77.9	-60.9	168.0	168.0	-65.1	56.	0.0054	0.0056	0.1279	263.0	36.9
16679.0	77.2	-60.9	169.2	169.2	-65.0	56.	0.0054	0.0057	0.1267	263.0	37.0
16727.0	76.6	-60.8	170.4	170.4	-64.8	56.	0.0056	0.0058	0.1257	263.0	37.0
16785.0	75.9	-60.8	172.4	172.4	-64.5	56.	0.0057	0.0060	0.1244	263.0	37.1
16834.0	75.3	-60.8	174.4	174.4	-64.3	56.	0.0058	0.0062	0.1232	263.0	37.1
16892.0	74.6	-60.8	176.5	176.5	-64.2	56.	0.0061	0.0063	0.1220	263.0	37.1
16951.0	73.9	-60.8	177.7	177.7	-64.2	56.	0.0061	0.0063	0.1198	263.0	37.6
17011.0	72.6	-60.8	178.8	178.8	-64.2	56.	0.0061	0.0063	0.1187	262.0	37.8
17113.0	72.0	-60.8	180.8	180.8	-64.2	56.	0.0061	0.0063	0.1177	262.0	37.9
17174.0	71.3	-60.8	182.6	182.6	-64.1	56.	0.0061	0.0064	0.1165	262.0	38.2
17227.0	70.7	-60.8	183.7	183.7	-64.1	56.	0.0061	0.0064	0.1155	262.0	38.5
17283.0	70.0	-60.8	185.1	185.1	-64.1	56.	0.0061	0.0064	0.1144	262.0	38.8
17344.0	69.4	-60.8	186.6	186.6	-64.1	56.	0.0061	0.0064	0.1134	262.0	39.0
17396.0	68.8	-60.8	188.3	188.3	-64.1	56.	0.0061	0.0064	0.1123	262.0	39.3
17460.0	68.1	-60.8	189.9	189.9	-64.1	56.	0.0061	0.0064	0.1111	262.0	39.5
17515.0	67.5	-60.8	191.4	191.4	-64.1	56.	0.0061	0.0064	0.1102	262.0	39.7
17574.0	66.8	-60.8	193.0	193.0	-64.1	56.	0.0061	0.0064	0.1090	262.0	39.8
17637.0	66.2	-60.8	194.8	194.8	-64.1	56.	0.0061	0.0064	0.1080	262.0	40.1
17699.0	65.6	-60.8	196.8	196.8	-64.1	56.	0.0061	0.0064	0.1071	262.0	40.1
17751.0	65.0	-60.8	198.8	198.8	-64.1	56.	0.0061	0.0064	0.1061	262.0	40.1
17809.0	64.4	-60.8	200.8	200.8	-64.1	56.	0.0061	0.0064	0.1051	262.0	40.1
17864.0	63.8	-60.8	202.8	202.8	-64.1	56.	0.0061	0.0064	0.1040	262.0	40.1
17926.0	63.2	-60.8	204.8	204.8	-64.1	56.	0.0061	0.0064	0.1030	262.0	40.1
17976.0	62.7	-60.8	206.8	206.8	-64.1	56.	0.0061	0.0064	0.1020	262.0	40.0
18036.0	62.1	-60.8	208.8	208.8	-64.1	56.	0.0061	0.0064	0.1009	262.0	39.8
18087.0	61.6	-60.8	210.8	210.8	-64.1	56.	0.0061	0.0064	0.1000	262.0	39.7
18141.0	61.1	-60.8	212.8	212.8	-64.1	56.	0.0061	0.0064	0.0992	262.0	39.5
18200.0	60.5	-60.8	214.8	214.8	-64.1	56.	0.0061	0.0064	0.0981	262.0	39.4
18255.0	60.0	-60.8	216.8	216.8	-64.1	56.	0.0061	0.0064	0.0972	262.0	39.2
18315.0	59.4	-60.8	218.8	218.8	-64.1	56.	0.0061	0.0064	0.0964	262.0	39.1
18375.0	58.8	-60.8	220.8	220.8	-64.1	56.	0.0061	0.0064	0.0955	262.0	39.0
18435.0	58.2	-60.8	222.8	222.8	-64.1	56.	0.0061	0.0064	0.0947	262.0	38.9
18495.0	57.6	-60.8	224.8	224.8	-64.1	56.	0.0061	0.0064	0.0938	262.0	38.9
18550.0	57.0	-60.8	226.8	226.8	-64.1	56.	0.0061	0.0064	0.0930	262.0	38.9
18610.0	56.4	-60.8	228.8	228.8	-64.1	56.	0.0061	0.0064	0.0921	262.0	38.8
18675.0	55.8	-60.8	230.8	230.8	-64.1	56.	0.0061	0.0064	0.0914	262.0	38.8
18732.0	55.2	-60.8	232.8	232.8	-64.1	56.	0.0061	0.0064	0.0906	262.0	38.8
18788.0	54.6	-60.8	234.8	234.8	-64.1	56.	0.0061	0.0064	0.0899	262.0	38.9
18846.0	54.0	-60.8	236.8	236.8	-64.1	56.	0.0061	0.0064	0.0892	262.0	38.9
18904.0	53.4	-60.8	238.8	238.8	-64.1	56.	0.0061	0.0064	0.0884	262.0	38.9
18962.0	52.8	-60.8	240.8	240.8	-64.1	56.	0.0061	0.0064	0.0876	262.0	38.9
19020.0	52.2	-60.8	242.8	242.8	-64.1	56.	0.0061	0.0064	0.0868	262.0	38.9
19078.0	51.6	-60.8	244.8	244.8	-64.1	56.	0.0061	0.0064	0.0853	262.0	38.9
19144.0	51.0	-60.8	246.8	246.8	-64.1	56.	0.0061	0.0064	0.0845	262.0	40.2
19210.0	50.4	-60.8	248.8	248.8	-64.1	56.	0.0061	0.0064	0.0837	261.0	40.7
19276.0	49.8	-60.8	250.8	250.8	-64.1	56.	0.0061	0.0064	0.0828	261.0	40.9
19342.0	49.2	-60.8	252.8	252.8	-64.1	56.	0.0061	0.0064	0.0821	261.0	41.5
19408.0	48.6	-60.8	254.8	254.8	-64.1	56.	0.0061	0.0064	0.0812	261.0	42.0
19474.0	48.0	-60.8	256.8	256.8	-64.1	56.	0.0061	0.0064	0.0806	261.0	42.5
19540.0	47.4	-60.8	258.8	258.8	-64.1	56.	0.0061	0.0064	0.0798	261.0	42.9
19606.0	46.8	-60.8	260.8	260.8	-64.1	56.	0.0061	0.0064	0.0790	261.0	43.4
19672.0	46.2	-60.8	262.8	262.8	-64.1	56.	0.0061	0.0064	0.0781	261.0	43.9
19738.0	45.6	-60.8	264.8	264.8	-64.1	56.	0.0061	0.0064	0.0773	261.0	44.3
19804.0	45.0	-60.8	266.8	266.8	-64.1	56.	0.0061	0.0064	0.0766	261.0	44.8
19870.0	44.4	-60.8	268.8	268.8	-64.1	56.	0.0061	0.0064	0.0759	261.0	45.2
19936.0	43.8	-60.8	270.8	270.8	-64.1	56.	0.0061	0.0064	0.0752	261.0	45.7
20002.0	43.2	-60.8	272.8	272.8	-64.1	56.	0.0061	0.0064	0.0744	261.0	46.0
20068.0	42.6	-60.8	274.8	274.8	-64.1	56.	0.0061	0.0064	0.0735	261.0	46.4
20134.0	42.0	-60.8	276.8	276.8	-64.1	56.	0.0061	0.0064	0.0728	261.0	46.7
20200.0	41.4	-60.8	278.8	278.8	-64.1	56.	0.0061	0.0064	0.0720	261.0	46.9
20266.0	40.8										

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RH0W (G/M+3)	RH0 (KG/M+3)	D1R (DEG)	SPEED (M/S)
20621.	41.2	-54.8	269.8	269.9	-55.2	56.	0.0120	0.0122	0.0657	259.0	48.0
20667.	40.9	-54.5	271.7	271.8	-55.9	56.	0.0125	0.0127	0.0652	259.3	48.0
20730.	40.5	-54.2	274.0	274.0	-56.6	56.	0.0130	0.0131	0.0645	259.0	48.0
20794.	40.1	-53.9	276.0	276.1	-56.6	56.	0.0133	0.0135	0.0638	258.8	48.0
20858.	39.7	-53.6	278.6	278.7	-57.1	56.	0.0140	0.0141	0.0630	259.0	48.0
20923.	39.3	-53.3	281.2	281.3	-57.7	56.	0.0148	0.0149	0.0623	259.0	48.0
20989.	38.9	-52.9	284.1	284.2	-58.2	56.	0.0157	0.0158	0.0615	259.0	48.0
21056.	38.5	-52.5	286.8	286.9	-58.8	56.	0.0166	0.0166	0.0607	259.0	48.0
21123.	38.1	-52.2	288.7	288.8	-59.7	56.	0.0168	0.0168	0.0601	259.0	48.0
21174.	37.8	-52.1	290.2	290.3	-60.6	56.	0.0170	0.0170	0.0596	259.0	48.0
21243.	37.4	-52.0	292.2	292.3	-61.5	56.	0.0172	0.0172	0.0589	259.0	48.0
21313.	37.0	-52.0	293.9	294.0	-62.5	56.	0.0172	0.0172	0.0583	260.0	48.0
21383.	36.6	-52.0	295.7	295.8	-63.5	56.	0.0172	0.0172	0.0577	260.0	48.0
21454.	36.2	-52.1	297.2	297.3	-64.6	56.	0.0170	0.0170	0.0571	260.0	48.0
21526.	35.8	-52.1	299.0	299.1	-65.6	56.	0.0170	0.0170	0.0564	261.0	48.0
21580.	35.5	-52.2	300.1	300.2	-66.7	56.	0.0168	0.0168	0.0560	261.0	48.0
21653.	35.1	-52.2	301.9	301.6	-67.8	56.	0.0164	0.0164	0.0554	261.0	48.0
21727.	34.7	-52.2	303.1	303.3	-69.0	56.	0.0161	0.0162	0.0548	262.0	48.0
21783.	34.4	-52.2	304.3	304.4	-70.1	56.	0.0159	0.0160	0.0544	262.0	48.0
21859.	34.0	-52.2	305.8	305.5	-71.1	56.	0.0154	0.0154	0.0538	263.0	48.0
21916.	33.7	-52.2	307.1	307.2	-72.3	56.	0.0155	0.0156	0.0533	263.0	48.0
21973.	33.4	-52.2	309.2	309.3	-73.1	56.	0.0159	0.0160	0.0528	263.0	48.0
22032.	33.1	-52.3	311.5	311.6	-74.8	56.	0.0166	0.0166	0.0522	263.0	48.0
22110.	32.7	-52.0	314.3	314.4	-76.6	56.	0.0172	0.0172	0.0515	264.0	48.0
22170.	32.4	-51.7	316.6	316.8	-78.2	56.	0.0179	0.0178	0.0510	264.0	48.0
22230.	32.1	-51.4	319.0	319.1	-79.9	56.	0.0185	0.0185	0.0504	264.0	48.0
22291.	31.8	-51.1	321.7	321.8	-81.6	56.	0.0194	0.0194	0.0499	265.0	48.0
22353.	31.5	-50.8	324.4	324.5	-83.2	56.	0.0205	0.0205	0.0493	265.0	48.0
22415.	31.2	-50.5	326.8	326.9	-84.9	56.	0.0213	0.0213	0.0488	266.0	48.0
22478.	30.9	-50.2	328.9	329.0	-86.6	56.	0.0221	0.0221	0.0483	266.0	48.0
22541.	30.6	-50.0	330.7	330.7	-88.3	56.	0.0230	0.0230	0.0479	267.0	48.0
22604.	30.3	-50.0	331.6	331.7	-90.0	56.	0.0237	0.0237	0.0474	268.0	48.0
22670.	30.0	-50.0	333.3	333.7	-91.7	56.	0.0245	0.0245	0.0469	268.0	48.0
22736.	29.7	-50.0	335.0	336.0	-93.4	56.	0.0253	0.0253	0.0464	269.0	48.0
22802.	29.4	-50.0	337.9	338.1	-95.1	56.	0.0261	0.0261	0.0459	269.0	48.0
22869.	29.1	-50.0	339.7	339.9	-96.8	56.	0.0269	0.0269	0.0454	270.0	48.0
22937.	28.8	-50.0	342.6	341.1	-98.5	56.	0.0277	0.0277	0.0450	270.0	48.0
23005.	28.5	-50.0	343.1	343.2	-100.2	56.	0.0285	0.0285	0.0445	270.0	48.0
23074.	28.2	-50.0	344.6	344.8	-101.9	56.	0.0293	0.0293	0.0441	270.0	48.0
23147.	27.8	-50.0	346.9	347.1	-103.6	56.	0.0301	0.0301	0.0435	270.0	48.0
23223.	27.5	-50.0	348.6	348.7	-105.3	56.	0.0309	0.0309	0.0430	270.0	48.0
23309.	27.2	-50.0	349.9	350.1	-107.0	56.	0.0317	0.0317	0.0426	270.0	48.0
23381.	26.9	-50.0	351.1	351.2	-108.7	56.	0.0325	0.0325	0.0422	270.0	48.0
23453.	26.6	-50.0	353.3	353.3	-110.4	56.	0.0333	0.0333	0.0418	270.0	48.0
23528.	26.3	-49.9	355.9	355.9	-112.1	56.	0.0341	0.0341	0.0413	270.0	48.0
23604.	26.0	-49.9	358.6	358.6	-113.8	56.	0.0349	0.0349	0.0407	270.0	48.0
23682.	25.7	-49.9	361.5	361.8	-115.5	56.	0.0357	0.0357	0.0404	270.0	48.0
23755.	25.4	-49.9	364.5	364.7	-117.2	56.	0.0365	0.0365	0.0400	270.0	48.0
23830.	25.1	-49.9	367.1	367.3	-118.9	56.	0.0373	0.0373	0.0395	270.0	48.0
23908.	24.8	-49.9	370.0	370.2	-120.6	56.	0.0381	0.0381	0.0391	270.0	48.0
23987.	24.5	-49.9	373.2	373.3	-122.3	56.	0.0389	0.0389	0.0386	270.0	48.0
24067.	24.2	-49.9	375.4	375.7	-124.0	56.	0.0397	0.0397	0.0382	270.0	48.0
24148.	23.9	-49.9	378.0	378.4	-125.7	56.	0.0405	0.0405	0.0378	270.0	48.0
24230.	23.6	-49.9	380.8	380.8	-127.4	56.	0.0413	0.0413	0.0373	270.0	48.0
24313.	23.3	-49.9	383.6	383.6	-129.1	56.	0.0421	0.0421	0.0369	270.0	48.0
24398.	23.0	-49.9	386.6	386.6	-130.8	56.	0.0429	0.0429	0.0364	270.0	48.0
24484.	22.7	-49.9	389.7	389.7	-132.5	56.	0.0437	0.0437	0.0360	270.0	48.0
24571.	22.4	-49.9	392.9	392.9	-134.2	56.	0.0445	0.0445	0.0355	270.0	48.0
24660.	22.1	-49.9	396.2	396.2	-135.9	56.	0.0453	0.0453	0.0351	270.0	48.0
24750.	21.8	-49.9	399.6	399.6	-137.6	56.	0.0461	0.0461	0.0347	270.0	48.0
24841.	21.5	-49.9	403.1	403.1	-139.3	56.	0.0469	0.0469	0.0344	270.0	48.0
24933.	21.2	-49.9	406.7	406.7	-141.0	56.	0.0477	0.0477	0.0340	270.0	48.0
25026.	20.9	-49.9	410.4	410.4	-142.7	56.	0.0485	0.0485	0.0337	270.0	48.0
25120.	20.6	-49.9	414.1	414.1	-144.4	56.	0.0493	0.0493	0.0334	270.0	48.0
25215.	20.3	-49.9	417.9	417.9	-146.1	56.	0.0501	0.0501	0.0330	270.0	48.0
25311.	20.0	-49.9	421.7	421.7	-147.8	56.	0.0509	0.0509	0.0328	270.0	48.0
25408.	19.7	-49.9	425.5	425.5	-149.5	56.	0.0517	0.0517	0.0325	270.0	48.0
25506.	19.4	-49.9	429.3	429.3	-151.2	56.	0.0525	0.0525	0.0322	270.0	48.0
25605.	19.1	-49.9	433.1	433.1	-152.9	56.	0.0533	0.0533	0.0318	270.0	48.0
25705.	18.8	-49.9	436.9	436.9	-154.6	56.	0.0541	0.0541	0.0315	270.0	48.0
25806.	18.5	-49.9	440.7	440.7	-156.3	56.	0.0549	0.0549	0.0311	270.0	48.0
25908.	18.2	-49.9	444.5	444.5	-158.0	56.	0.0557	0.0557	0.0308	270.0	48.0

SOUNDING 26.0
 LATITUDE -61.8 LONGITUDE 2.6
 DATE 10-29-81 TIME 1134 GMT
 NUMBER OF LEVELS 404

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RH0W (G/M+3)	RH0 (KG/M+3)	D1R (DEG)	SPEED (M/S)
1369.	81.5	-19.2	41.0	41.0	-14.1	56.	1.5149	1.5149	1.4378	120.0	17.0
1375.	81.2	-19.2	41.0	41.0	-14.1	56.	1.5149	1.5149	1.4378	120.0	17.0
1381.	80.9	-19.2	41.0	41.0	-14.1	56.	1.5149	1.5149	1.4378	120.0	17.0
1387.	80.6	-19.2	41.0	41.0	-14.1	56.	1.5149	1.5149	1.4378	120.0	17.0
1393.	80.3	-19.2	41.0	41.0	-14.1	56.	1.5149	1.5149	1.4378	120.0	17.0
1399.	80.0	-19.2	41.0	41.0	-14.1	56.	1.5149	1.5149	1.4378	120.0	17.0
1405.	79.7	-19.2	41.0	41.0	-14.1	56.	1.5149	1.5149	1.4378	120.0	17.0
1411.	79.4	-19.2	41.0	41.0	-14.1	56.	1.5149	1.5149	1.4378	120.0	17.0
1417.	79.1	-19.2	41.0	41.0	-14.1	56.	1.5149	1.5149	1.4378	120.0	17.0
1423.	78.8	-19.2	41.0	41.0	-14.1	56.	1.5149	1.5149	1.4378	120.0	17.0
1429.	78.5	-19.2	41.0	41.0	-14.1	56.	1.5149	1.5149	1.4378	120.0	17.0
1435.	78.2	-19.2	41.0	41.0	-14.1	56.	1.5149	1.5149	1.4378	120.0	17.0
1441.	77.9	-19.2	41.0	41.0	-14.1	56.	1.5149	1.5149	1.4378	120.0	17.0
1447.	77.6	-19.2	41.0	41.0	-14.1	56.	1.5149	1.5149	1.4378	120.0	17.0
1453.	77.3	-19.2	41.0	41.0	-14.1	56.	1.5149	1.5149	1.4378	120.0	17.0
1459.	77.0	-19.2	41.0	41.0	-14.1	56.	1.5149	1.5149	1.4378	120.0	17.0
1465.	76.7	-19.2	41.0	41.0	-14.1	56.	1.5149	1.5149	1.4378	120.0	17.0
1471.	76.4	-19.2	41.0	41.0	-14.1	56.	1.5149	1.5149	1.4378	120.0	17.0
1477.	76.1	-19.2	41.0	41.0	-14.1	56.	1.5149	1.5149	1.4378	120.0	17.0
1483.	75.8	-19.2	41.0	41.0	-14.1	56.	1.5149	1.5149	1.4378	120.0	17.0
1489.	75.5	-19.2	41.0	41.0	-14.1	56.	1.5149	1.5149	1.4378	120.0	17.0
1495.	75.2	-19.2	41.0	41.0	-14.1	56.	1.5149	1.5149	1.4378	120.0	17.0
1501.	74.9	-19.2	41.0	41.0	-14.1	56.	1.5149	1.5149	1.4378	120.0	17.0
1507.	74.6	-19.2	41.0	41.0	-14.1	56.	1.5149	1.5149	1.4378	120.0	17.0
1513.	74.3	-19.2	41.0	41.0	-14.1	56.	1.5149	1.5149	1.4378	120.0	17.0
1519.	74.0	-19.2	41.0	41.0	-14.1	56.	1.5149	1.5149	1.4378	120.0	17.0
1525.	73.7	-19.2	41.0	41.0	-14.1	56.	1.5149	1.5149	1.4378	120.0	17.0</

HEIGHT (4)	PRES (MP)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	F (MP)	1E+3-RH0W (G/M+3)	RH0 (KG/M+3)	DIR (DEC)	SPEED (M/S)
1423.	810.3	-15.3	2.7	3.3	-17.3	83.	1.3393	1.1343	1.0959	144.0	5.7
1479.	808.2	-15.4	1.5	3.3	-17.4	83.	1.3272	1.1243	1.0882	101.0	5.7
1534.	798.4	-15.5	1.5	1.7	-17.5	83.	1.3326	1.1344	1.0810	109.0	5.7
1589.	796.6	-15.6	1.1	1.9	-17.6	83.	1.2468	1.1375	1.0744	98.0	5.7
1644.	786.5	-15.7	2.3	3.3	-17.7	83.	1.2434	1.1563	1.0669	96.0	5.7
1700.	780.7	-16.3	2.7	3.7	-18.3	83.	1.2223	1.1376	1.0599	74.0	5.7
1755.	774.5	-16.4	3.8	3.2	-18.4	83.	1.2331	1.1283	1.0519	93.0	5.7
1811.	764.5	-16.7	3.5	3.5	-18.7	83.	1.1757	1.1311	1.0449	92.0	5.6
1877.	764.9	-17.1	3.3	3.5	-19.1	83.	1.1324	0.9658	1.0389	90.0	5.6
1922.	757.5	-17.4	3.7	3.9	-19.4	83.	1.1910	0.9400	1.0327	90.0	5.6
1968.	752.4	-17.7	3.4	4.1	-19.7	83.	1.1079	0.9149	1.0270	88.0	5.6
2022.	747.6	-17.7	4.2	4.4	-19.9	83.	1.1052	0.8985	1.0212	87.0	5.6
2077.	742.6	-18.2	4.6	4.8	-20.2	83.	1.1043	0.8904	1.0148	86.0	5.6
2133.	737.1	-18.3	5.5	5.2	-20.2	83.	1.1021	0.8743	1.0080	84.0	5.6
2187.	731.6	-18.4	6.3	5.5	-20.4	83.	1.1021	0.8586	1.0013	82.0	5.6
2242.	726.2	-18.9	6.1	6.5	-20.8	83.	0.9786	0.8355	0.9946	80.0	5.6
2296.	718.6	-19.2	6.4	6.5	-21.1	83.	0.9552	0.8204	0.9876	79.0	5.6
2351.	710.9	-19.7	6.6	6.6	-21.6	83.	0.9283	0.7982	0.9811	77.0	5.4
2406.	701.7	-19.9	6.8	6.6	-21.8	83.	0.8850	0.7624	0.9753	74.0	5.4
2461.	699.8	-20.0	7.1	7.2	-22.1	83.	0.8642	0.7485	0.9687	72.0	5.2
2516.	690.9	-20.6	7.3	7.4	-22.5	83.	0.8435	0.7281	0.9626	70.0	5.2
2571.	686.1	-21.1	7.4	7.5	-22.9	83.	0.8116	0.7017	0.9565	68.0	5.2
2626.	686.1	-21.3	7.8	7.7	-23.2	83.	0.7809	0.6762	0.9513	65.0	5.1
2681.	677.7	-21.5	8.1	8.1	-23.4	83.	0.7585	0.6576	0.9459	63.0	5.0
2736.	677.7	-21.5	8.4	8.4	-23.5	83.	0.7439	0.6454	0.9402	61.0	5.0
2791.	664.8	-21.7	8.6	8.6	-23.5	83.	0.7367	0.6394	0.9339	58.0	5.0
2846.	664.8	-21.7	9.7	9.7	-23.6	83.	0.7286	0.6335	0.9272	56.0	5.0
2901.	654.2	-22.2	9.9	9.8	-24.1	83.	0.7226	0.6335	0.9198	53.0	5.0
2956.	646.1	-22.7	9.7	9.8	-24.6	83.	0.6988	0.6045	0.9143	50.0	5.0
3011.	646.1	-23.3	9.6	9.8	-25.1	83.	0.6617	0.5768	0.9090	48.0	5.0
3066.	638.1	-23.3	9.7	9.8	-25.7	83.	0.6299	0.5502	0.9038	45.0	4.9
3121.	638.1	-23.3	9.8	9.8	-26.2	83.	0.5937	0.5198	0.8990	41.0	4.8
3176.	630.3	-24.1	9.9	9.8	-26.6	83.	0.5650	0.4957	0.8938	39.0	4.8
3231.	628.4	-24.7	10.2	10.2	-27.0	83.	0.5436	0.4771	0.8884	36.0	4.8
3286.	623.6	-25.5	10.1	10.2	-27.4	83.	0.5217	0.4592	0.8839	34.0	4.6
3341.	618.6	-25.5	10.1	10.2	-27.6	83.	0.4962	0.4376	0.8780	32.0	4.5
3396.	618.6	-25.5	10.1	10.1	-27.8	83.	0.4863	0.4292	0.8721	30.0	4.4
3451.	611.2	-26.6	11.1	11.1	-28.1	83.	0.4766	0.4210	0.8667	28.0	4.2
3506.	602.6	-26.6	11.4	11.4	-28.4	83.	0.4624	0.4090	0.8615	26.0	4.0
3561.	599.9	-27.7	11.1	11.1	-28.8	83.	0.4486	0.3972	0.8561	24.0	3.9
3616.	599.9	-27.7	11.4	11.4	-28.8	83.	0.4436	0.3826	0.8500	22.0	3.7
3671.	584.3	-28.2	12.4	12.4	-29.2	83.	0.4306	0.3820	0.8437	20.0	3.5
3726.	584.3	-28.2	13.1	13.1	-29.2	83.	0.4221	0.3747	0.8379	18.0	3.3
3781.	578.2	-28.4	13.4	13.4	-29.6	83.	0.4136	0.3674	0.8322	16.0	3.1
3836.	577.9	-28.7	13.6	13.6	-29.6	83.	0.4053	0.3603	0.8266	14.0	2.9
3891.	577.9	-28.8	14.2	14.2	-29.9	83.	0.3971	0.3533	0.8209	12.0	2.7
3946.	561.6	-29.4	14.4	14.4	-30.3	83.	0.3951	0.3432	0.8153	10.0	2.5
4001.	561.6	-29.4	14.4	14.4	-30.7	83.	0.3891	0.3297	0.8100	8.0	2.3
4056.	555.8	-29.8	14.6	14.6	-31.1	83.	0.3847	0.3170	0.8046	6.0	2.1
4111.	555.8	-29.8	14.6	14.6	-31.5	83.	0.3847	0.3046	0.7995	4.0	1.9
4166.	550.0	-30.7	14.6	14.6	-31.9	83.	0.3847	0.2927	0.7945	2.0	1.7
4221.	544.8	-31.1	15.3	15.3	-32.2	83.	0.3847	0.2841	0.7893	0.0	1.5
4276.	544.8	-31.1	15.3	15.3	-32.2	83.	0.3847	0.2757	0.7842		1.3
4331.	537.7	-31.1	16.6	16.6	-32.2	83.	0.3847	0.2702	0.7784		1.1
4386.	537.7	-31.1	16.6	16.6	-32.2	83.	0.3847	0.2644	0.7726		0.9
4441.	530.5	-31.1	17.4	17.4	-32.2	83.	0.3847	0.2595	0.7666		0.7
4496.	530.5	-31.1	17.4	17.4	-32.2	83.	0.3847	0.2569	0.7606		0.5
4551.	524.1	-31.4	17.7	17.7	-33.3	83.	0.3847	0.2518	0.7549		0.3
4606.	524.1	-31.4	18.3	18.3	-33.3	83.	0.3847	0.2473	0.7494		0.1
4661.	519.9	-31.4	18.7	18.7	-33.3	83.	0.3847	0.2418	0.7440		
4716.	519.9	-31.4	18.7	18.7	-33.3	83.	0.3847	0.2373	0.7385		
4771.	511.7	-32.2	18.8	18.8	-34.4	83.	0.3847	0.2312	0.7330		
4826.	511.7	-32.2	19.1	19.1	-34.4	83.	0.3847	0.2275	0.7275		
4881.	508.7	-32.2	19.1	19.1	-34.4	83.	0.3847	0.2247	0.7220		
4936.	508.7	-32.2	19.1	19.1	-34.4	83.	0.3847	0.2209	0.7165		
4991.	498.7	-33.3	19.9	19.9	-35.2	83.	0.3847	0.2184	0.7110		
5046.	498.7	-33.3	19.9	19.9	-35.2	83.	0.3847	0.2184	0.7055		
5101.	494.4	-33.3	20.0	20.0	-35.2	83.	0.3847	0.2184	0.7000		
5156.	494.4	-33.3	20.0	20.0	-35.2	83.	0.3847	0.2184	0.6945		
5211.	488.6	-34.4	20.0	20.0	-35.2	83.	0.3847	0.2184	0.6890		
5266.	488.6	-34.4	20.0	20.0	-35.2	83.	0.3847	0.2184	0.6835		
5321.	488.6	-34.4	20.0	20.0	-35.2	83.	0.3847	0.2184	0.6780		
5376.	477.3	-35.5	20.0	20.0	-35.2	83.	0.3847	0.2184	0.6725		
5431.	477.3	-35.5	20.0	20.0	-35.2	83.	0.3847	0.2184	0.6670		
5486.	471.7	-35.5	20.0	20.0	-35.2	83.	0.3847	0.2184	0.6615		
5541.	471.7	-35.5	20.0	20.0	-35.2	83.	0.3847	0.2184	0.6560		
5596.	467.2	-36.6	20.0	20.0	-35.2	83.	0.3847	0.2184	0.6505		
5651.	467.2	-36.6	20.0	20.0	-35.2	83.	0.3847	0.2184	0.6450		
5706.	460.1	-37.7	20.0	20.0	-35.2	83.	0.3847	0.2184	0.6395		
5761.	460.1	-37.7	20.0	20.0	-35.2	83.	0.3847	0.2184	0.6340		
5816.	455.3	-37.7	20.0	20.0	-35.2	83.	0.3847	0.2184	0.6285		
5871.	455.3	-37.7	20.0	20.0	-35.2	83.	0.3847	0.2184	0.6230		
5926.	451.2	-38.8	20.0	20.0	-35.2	83.	0.3847	0.2184	0.6175		
5981.	451.2	-38.8	20.0	20.0	-35.2	83.	0.3847	0.2184	0.6120		
6036.	445.9	-39.9	20.0	20.0	-35.2	83.	0.3847	0.2184	0.6065		
6091.	445.9	-39.9	20.0	20.0	-35.2	83.	0.3847	0.2184	0.6010		
6146.	445.9	-39.9	20.0	20.0	-35.2	83.	0.3847	0.2184	0.5955		
6201.	445.9	-39.9	20.0	20.0	-35.2	83.	0.3847	0.2184	0.5900		
6256.	445.9	-39.9	20.0	20.0	-35.2	83.	0.3847	0.2184	0.5845		
6311.	445.9	-39.9	20.0	20.0	-35.2	83.	0.3847	0.2184	0.5790		
6366.	445.9	-39.9	20.0	20.0	-35.2	83.	0.3847	0.2184	0.5735		
6421.	445.9	-39.9	20.0	20.0	-35.2	83.	0.3847	0.2184	0.5680		
6476.	445.9	-39.9	20.0	20.0	-35.2	83.	0.3847	0.2184	0.5625		
6531.	445.9	-39.9	20.0	20.0	-35.2	83.	0.3847	0.2184	0.5570		
6586.	445.9	-39.9	20.0	20.0	-35.2	83.	0.3847	0.2184	0.5515		
6641.	445.9	-39.9	20.0	20.0	-35.2	83.	0.3847	0.2184	0.5460		
6696.	445.9	-39.9	20.0	20.0	-35.2	83.	0.3847	0.2184	0.5405		
6751.	445.9	-39.9	20.0	20.0	-35.2	83.	0.3847	0.2184	0.5350		
6806.	445.9	-39.9	20.0	20.0	-35.2	83.	0.3847	0.2184	0.5295		
6861.	445.9	-39.9	20.0	20.0	-35.2	83.	0.3847	0.2184	0.5240		
6916.	445.9	-39.9	20.0	20.0	-35.2	83.	0.3847	0.2184	0.5185		
6971.	445.9	-39.9	20.0	20.0	-35.2	83.	0.3847	0.2184	0.5130		
7026.	445.9	-39.9	20.0	20.0	-35.2	83.	0.3847	0.2184	0.5075		
7081.	445.9	-39.9	20.0	20.0	-35.2	83.	0.3847	0.2184	0.5020		
7136.	445.9	-39.9	20.0	20.0	-35.2	83.	0.3847	0.2184	0.4965		
7191.	445.9	-39.9	20.0	20.0	-35.2	83.	0.3847	0.2184	0.4910		
7246.	445.9	-39.9	20.0	20.0	-35.2	83.	0.3847	0.2184	0.4855		
7301.	445.9	-39.9	20.0	20.0	-35.2	83.	0.3847	0.2184	0.4800		
7356.	445.9	-39.9	20.0	20.0	-35.2	83.	0.3847	0.2184	0.4745		

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOM (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
7376.	348.7	-51.1	27.2	26.2	-57.1	43.	0.0264	0.0264	0.5483	323.0	17.3
7426.	345.9	-51.2	26.8	25.8	-57.5	43.	0.0255	0.0255	0.5449	329.0	17.1
7476.	343.1	-51.3	26.4	25.4	-57.9	43.	0.0246	0.0246	0.5415	329.0	17.3
7526.	340.4	-51.4	26.0	25.0	-58.3	43.	0.0237	0.0237	0.5381	329.0	17.4
7576.	337.7	-51.5	25.6	24.6	-58.7	43.	0.0228	0.0228	0.5347	329.0	17.5
7626.	335.0	-51.6	25.2	24.2	-59.1	43.	0.0219	0.0219	0.5313	329.0	17.6
7676.	332.3	-51.7	24.8	23.8	-59.5	43.	0.0210	0.0210	0.5279	329.0	17.7
7726.	329.6	-51.8	24.4	23.4	-59.9	43.	0.0201	0.0201	0.5245	329.0	17.8
7776.	326.9	-51.9	24.0	23.0	-60.3	43.	0.0192	0.0192	0.5211	329.0	17.9
7826.	324.2	-52.0	23.6	22.6	-60.7	43.	0.0183	0.0183	0.5177	329.0	18.0
7876.	321.5	-52.1	23.2	22.2	-61.1	43.	0.0174	0.0174	0.5143	329.0	18.1
7926.	318.8	-52.2	22.8	21.8	-61.5	43.	0.0165	0.0165	0.5109	329.0	18.2
7976.	316.1	-52.3	22.4	21.4	-61.9	43.	0.0156	0.0156	0.5075	329.0	18.3
8026.	313.4	-52.4	22.0	21.0	-62.3	43.	0.0147	0.0147	0.5041	329.0	18.4
8076.	310.7	-52.5	21.6	20.6	-62.7	43.	0.0138	0.0138	0.5007	329.0	18.5
8126.	308.0	-52.6	21.2	20.2	-63.1	43.	0.0129	0.0129	0.4973	329.0	18.6
8176.	305.3	-52.7	20.8	19.8	-63.5	43.	0.0120	0.0120	0.4939	329.0	18.7
8226.	302.6	-52.8	20.4	19.4	-63.9	43.	0.0111	0.0111	0.4905	329.0	18.8
8276.	300.0	-52.9	20.0	19.0	-64.3	43.	0.0102	0.0102	0.4871	329.0	18.9
8326.	297.3	-53.0	19.6	18.6	-64.7	43.	0.0093	0.0093	0.4837	329.0	19.0
8376.	294.6	-53.1	19.2	18.2	-65.1	43.	0.0084	0.0084	0.4803	329.0	19.1
8426.	292.0	-53.2	18.8	17.8	-65.5	43.	0.0075	0.0075	0.4769	329.0	19.2
8476.	289.3	-53.3	18.4	17.4	-65.9	43.	0.0066	0.0066	0.4735	329.0	19.3
8526.	286.6	-53.4	18.0	17.0	-66.3	43.	0.0057	0.0057	0.4701	329.0	19.4
8576.	284.0	-53.5	17.6	16.6	-66.7	43.	0.0048	0.0048	0.4667	329.0	19.5
8626.	281.3	-53.6	17.2	16.2	-67.1	43.	0.0039	0.0039	0.4633	329.0	19.6
8676.	278.6	-53.7	16.8	15.8	-67.5	43.	0.0030	0.0030	0.4599	329.0	19.7
8726.	276.0	-53.8	16.4	15.4	-67.9	43.	0.0021	0.0021	0.4565	329.0	19.8
8776.	273.3	-53.9	16.0	15.0	-68.3	43.	0.0012	0.0012	0.4531	329.0	19.9
8826.	270.6	-54.0	15.6	14.6	-68.7	43.	0.0003	0.0003	0.4497	329.0	20.0
8876.	268.0	-54.1	15.2	14.2	-69.1	43.	0.0000	0.0000	0.4463	329.0	20.1
8926.	265.3	-54.2	14.8	13.8	-69.5	43.	0.0000	0.0000	0.4429	329.0	20.2
8976.	262.6	-54.3	14.4	13.4	-69.9	43.	0.0000	0.0000	0.4395	329.0	20.3
9026.	260.0	-54.4	14.0	13.0	-70.3	43.	0.0000	0.0000	0.4361	329.0	20.4
9076.	257.3	-54.5	13.6	12.6	-70.7	43.	0.0000	0.0000	0.4327	329.0	20.5
9126.	254.6	-54.6	13.2	12.2	-71.1	43.	0.0000	0.0000	0.4293	329.0	20.6
9176.	252.0	-54.7	12.8	11.8	-71.5	43.	0.0000	0.0000	0.4259	329.0	20.7
9226.	249.3	-54.8	12.4	11.4	-71.9	43.	0.0000	0.0000	0.4225	329.0	20.8
9276.	246.6	-54.9	12.0	11.0	-72.3	43.	0.0000	0.0000	0.4191	329.0	20.9
9326.	244.0	-55.0	11.6	10.6	-72.7	43.	0.0000	0.0000	0.4157	329.0	21.0
9376.	241.3	-55.1	11.2	10.2	-73.1	43.	0.0000	0.0000	0.4123	329.0	21.1
9426.	238.6	-55.2	10.8	9.8	-73.5	43.	0.0000	0.0000	0.4089	329.0	21.2
9476.	236.0	-55.3	10.4	9.4	-73.9	43.	0.0000	0.0000	0.4055	329.0	21.3
9526.	233.3	-55.4	10.0	9.0	-74.3	43.	0.0000	0.0000	0.4021	329.0	21.4
9576.	230.6	-55.5	9.6	8.6	-74.7	43.	0.0000	0.0000	0.3987	329.0	21.5
9626.	228.0	-55.6	9.2	8.2	-75.1	43.	0.0000	0.0000	0.3953	329.0	21.6
9676.	225.3	-55.7	8.8	7.8	-75.5	43.	0.0000	0.0000	0.3919	329.0	21.7
9726.	222.6	-55.8	8.4	7.4	-75.9	43.	0.0000	0.0000	0.3885	329.0	21.8
9776.	220.0	-55.9	8.0	7.0	-76.3	43.	0.0000	0.0000	0.3851	329.0	21.9
9826.	217.3	-56.0	7.6	6.6	-76.7	43.	0.0000	0.0000	0.3817	329.0	22.0
9876.	214.6	-56.1	7.2	6.2	-77.1	43.	0.0000	0.0000	0.3783	329.0	22.1
9926.	212.0	-56.2	6.8	5.8	-77.5	43.	0.0000	0.0000	0.3749	329.0	22.2
9976.	209.3	-56.3	6.4	5.4	-77.9	43.	0.0000	0.0000	0.3715	329.0	22.3
10026.	206.6	-56.4	6.0	5.0	-78.3	43.	0.0000	0.0000	0.3681	329.0	22.4
10076.	204.0	-56.5	5.6	4.6	-78.7	43.	0.0000	0.0000	0.3647	329.0	22.5
10126.	201.3	-56.6	5.2	4.2	-79.1	43.	0.0000	0.0000	0.3613	329.0	22.6
10176.	198.6	-56.7	4.8	3.8	-79.5	43.	0.0000	0.0000	0.3579	329.0	22.7
10226.	196.0	-56.8	4.4	3.4	-79.9	43.	0.0000	0.0000	0.3545	329.0	22.8
10276.	193.3	-56.9	4.0	3.0	-80.3	43.	0.0000	0.0000	0.3511	329.0	22.9
10326.	190.6	-57.0	3.6	2.6	-80.7	43.	0.0000	0.0000	0.3477	329.0	23.0
10376.	188.0	-57.1	3.2	2.2	-81.1	43.	0.0000	0.0000	0.3443	329.0	23.1
10426.	185.3	-57.2	2.8	1.8	-81.5	43.	0.0000	0.0000	0.3409	329.0	23.2
10476.	182.6	-57.3	2.4	1.4	-81.9	43.	0.0000	0.0000	0.3375	329.0	23.3
10526.	180.0	-57.4	2.0	1.0	-82.3	43.	0.0000	0.0000	0.3341	329.0	23.4
10576.	177.3	-57.5	1.6	0.6	-82.7	43.	0.0000	0.0000	0.3307	329.0	23.5
10626.	174.6	-57.6	1.2	0.2	-83.1	43.	0.0000	0.0000	0.3273	329.0	23.6
10676.	172.0	-57.7	0.8	-0.2	-83.5	43.	0.0000	0.0000	0.3239	329.0	23.7
10726.	169.3	-57.8	0.4	-0.6	-83.9	43.	0.0000	0.0000	0.3205	329.0	23.8
10776.	166.6	-57.9	0.0	-1.0	-84.3	43.	0.0000	0.0000	0.3171	329.0	23.9
10826.	164.0	-58.0	-0.4	-1.4	-84.7	43.	0.0000	0.0000	0.3137	329.0	24.0
10876.	161.3	-58.1	-0.8	-1.8	-85.1	43.	0.0000	0.0000	0.3103	329.0	24.1
10926.	158.6	-58.2	-1.2	-2.2	-85.5	43.	0.0000	0.0000	0.3069	329.0	24.2
10976.	156.0	-58.3	-1.6	-2.6	-85.9	43.	0.0000	0.0000	0.3035	329.0	24.3
11026.	153.3	-58.4	-2.0	-3.0	-86.3	43.	0.0000	0.0000	0.3001	329.0	24.4
11076.	150.6	-58.5	-2.4	-3.4	-86.7	43.	0.0000	0.0000	0.2967	329.0	24.5
11126.	148.0	-58.6	-2.8	-3.8	-87.1	43.	0.0000	0.0000	0.2933	329.0	24.6
11176.	145.3	-58.7	-3.2	-4.2	-87.5	43.	0.0000	0.0000	0.2899	329.0	24.7
11226.	142.6	-58.8	-3.6	-4.6	-87.9	43.	0.0000	0.0000	0.2865	329.0	24.8
11276.	140.0	-58.9	-4.0	-5.0	-88.3	43.	0.0000	0.0000	0.2831	329.0	24.9
11326.	137.3	-59.0	-4.4	-5.4	-88.7	43.	0.0000	0.0000	0.2797	329.0	25.0
11376.	134.6	-59.1	-4.8	-5.8	-89.1	43.	0.0000	0.0000	0.2763	329.0	25.1
11426.	132.0	-59.2	-5.2	-6.2	-89.5	43.	0.0000	0.0000	0.2729	329.0	25.2
11476.	129.3	-59.3	-5.6	-6.6	-89.9	43.	0.0000	0.0000	0.2695	329.0	25.3
11526.	126.6	-59.4	-6.0	-7.0	-90.3	43.	0.0000	0.0000	0.2661	329.0	25.4
11576.	124.0	-59.5	-6.4	-7.4	-90.7	43.	0.0000	0.0000	0.2627	329.0	25.5
11626.	121.3	-59.6	-6.8	-7.8	-91.1	43.	0.0000	0.0000	0.2593	329.0	25.6
11676.	118.6	-59.7	-7.2	-8.2	-91.5	43.	0.0000	0.0000	0.2559	329.0	25.7
11726.	116.0	-59.8	-7.6	-8.6	-91.9	43.	0.0000	0.0000	0.2525	329.0	25.8
11776.	113.3	-59.9	-8.0	-9.0	-92.3	43.	0.0000	0.0000	0.2491	329.0	25.9
11826.	110.6	-60.0	-8.4	-9.4	-92.7	43.	0.0000	0.0000	0.2457	329.0	26.0
11876.	108.0	-60.1	-8.8	-9.8	-93.1	43.	0.0000	0.0000	0.2423	329.0	26.1
11926.	105.3	-60.2	-9.2	-10.2	-93.5	43.	0.0000	0.0000	0.2389	329.0	26.2
11976.	102.6	-60.3	-9.6	-10.6	-93.9	43.	0.0000	0.0000	0.2355	329.0	26.3
12026.	100.0	-60.4	-10.0	-11.0	-94.3	43.	0.0000	0.0000	0.2321	329.0	26.4
12076.	97.3	-60.5	-10.4	-11.4	-94.7	43.	0.0000	0.0000	0.2287	329.0	26.5
12126.	94.6	-60.6	-10.8	-11.8	-95.1	43.	0.0000	0.0000	0.2253	329.0	26.6
12176.	92.0	-60.7	-11.2	-12.2	-95.5	43.	0.0000	0.0000	0.2219	329.0	26.7
12226.	89.3	-60.8	-11.6	-12.6	-95.9	43.	0.0000	0.0000	0.2185	329.0	26.8
12276.	86.6	-60.9	-12.0	-13.0	-96.3	43.	0.0000	0.0000	0.2151	329.0	26.9
12326.	84.0	-61.0	-12.4	-13.4	-96.7	43.	0.0000	0.0000	0.2117	329.0	27.0
12376.	81.3	-61.1	-12.8	-13.8	-97.1	43.	0.0000	0.0000	0.2083	329.0	27.1
12426.	78.6	-61.2	-13.2	-14.2	-97.5	43.	0.0000	0.0000	0.2049	329.0	27.2
12476.	76.0	-61.3	-13.6	-14.6	-97.9	43.	0.0000	0.0000	0.2015	329.0	27.3
12526.											

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3-RH0W (G/M+3)	RH0 (KG/M+3)	D1R (DEG)	SPEED (M/S)
12532.	152.0	-62.0	88.5	88.5	-63.3	83.	0.0068	0.0071	0.2508	279.0	18.8
12585.	150.7	-62.0	89.4	89.4	-63.3	83.	0.0068	0.0071	0.2486	279.0	18.8
12635.	149.5	-62.2	89.9	89.9	-63.3	83.	0.0066	0.0069	0.2469	279.0	18.8
12680.	148.4	-62.4	90.3	90.3	-63.7	83.	0.0065	0.0067	0.2453	279.0	18.9
12730.	147.2	-62.6	90.8	90.8	-63.9	83.	0.0063	0.0065	0.2436	279.0	19.0
12781.	146.0	-62.7	91.5	91.5	-64.0	83.	0.0062	0.0064	0.2417	279.0	19.1
12831.	144.8	-62.8	92.1	92.1	-64.1	83.	0.0061	0.0063	0.2391	279.0	19.2
12883.	143.6	-62.8	93.0	93.0	-64.1	83.	0.0060	0.0063	0.2378	278.0	19.3
12934.	142.4	-62.9	93.7	93.7	-64.2	83.	0.0060	0.0063	0.2359	278.0	19.4
12986.	141.3	-62.9	94.5	94.5	-64.2	83.	0.0060	0.0063	0.2341	278.0	19.6
13038.	140.1	-63.0	95.3	95.3	-64.3	83.	0.0059	0.0062	0.2322	278.0	19.7
13083.	139.0	-63.0	96.1	96.1	-64.3	83.	0.0059	0.0062	0.2304	278.0	19.9
13131.	137.9	-62.9	97.1	97.1	-64.2	83.	0.0060	0.0063	0.2285	278.0	20.0
13181.	136.8	-62.8	98.1	98.1	-64.1	83.	0.0061	0.0063	0.2266	278.0	20.2
13230.	135.7	-62.9	98.6	98.6	-64.2	83.	0.0060	0.0063	0.2248	277.0	20.3
13280.	134.6	-62.9	99.7	99.7	-64.2	83.	0.0060	0.0063	0.2230	277.0	20.5
13326.	133.5	-62.9	100.5	100.5	-64.2	83.	0.0060	0.0063	0.2214	276.0	20.8
13377.	132.5	-62.9	101.1	101.1	-64.2	83.	0.0060	0.0063	0.2195	276.0	21.0
13428.	131.4	-62.9	102.1	102.1	-64.2	83.	0.0060	0.0063	0.2177	275.0	21.1
13479.	130.4	-62.8	103.1	103.1	-64.2	83.	0.0060	0.0063	0.2161	275.0	21.2
13529.	129.3	-62.8	104.1	104.1	-64.5	83.	0.0059	0.0062	0.2142	275.0	21.3
13579.	128.4	-62.8	105.0	105.0	-64.5	83.	0.0058	0.0062	0.2129	274.0	21.4
13618.	127.4	-63.3	105.5	105.5	-64.7	83.	0.0058	0.0058	0.2099	274.0	22.4
13661.	126.4	-63.4	106.4	106.4	-64.7	83.	0.0058	0.0058	0.2083	274.0	22.7
13715.	124.5	-63.4	107.2	107.2	-64.7	83.	0.0058	0.0058	0.2068	274.0	22.9
13759.	123.6	-63.2	108.3	108.3	-64.5	83.	0.0058	0.0060	0.2051	274.0	23.1
13804.	122.7	-63.0	109.5	109.5	-64.3	83.	0.0059	0.0062	0.2034	273.0	23.3
13849.	121.7	-62.8	110.7	110.7	-64.1	83.	0.0061	0.0063	0.2016	273.0	23.6
13899.	120.8	-62.8	111.6	111.6	-64.1	83.	0.0061	0.0063	0.2001	272.0	23.7
13945.	119.9	-62.8	112.4	112.4	-64.1	83.	0.0061	0.0063	0.1986	272.0	23.9
13991.	119.0	-62.8	113.3	113.3	-64.1	83.	0.0061	0.0063	0.1971	272.0	24.0
14037.	118.1	-62.8	114.1	114.1	-64.1	83.	0.0061	0.0063	0.1956	271.0	24.1
14083.	117.1	-62.8	115.0	115.0	-64.1	83.	0.0061	0.0063	0.1942	270.0	24.2
14129.	116.2	-62.8	115.9	115.9	-63.9	83.	0.0061	0.0063	0.1924	270.0	24.2
14175.	115.2	-62.6	117.2	117.2	-63.7	83.	0.0065	0.0065	0.1906	270.0	24.2
14221.	114.3	-62.4	118.4	118.4	-63.7	83.	0.0065	0.0067	0.1889	270.0	24.2
14268.	113.4	-62.1	119.9	119.9	-63.4	83.	0.0067	0.0070	0.1872	270.0	24.2
14314.	112.4	-61.9	121.2	121.2	-63.2	83.	0.0069	0.0071	0.1854	269.0	24.2
14360.	111.5	-61.9	122.1	122.1	-63.2	83.	0.0071	0.0071	0.1839	268.0	24.1
14406.	110.5	-62.2	123.3	123.3	-63.3	83.	0.0071	0.0071	0.1823	268.0	24.1
14454.	109.6	-62.2	124.3	124.3	-63.4	83.	0.0071	0.0071	0.1809	267.0	24.1
14500.	108.6	-62.2	125.7	125.7	-63.3	83.	0.0071	0.0071	0.1795	267.0	24.1
14546.	107.8	-62.1	126.6	126.6	-63.2	83.	0.0071	0.0071	0.1778	267.0	24.1
14592.	106.9	-62.1	127.9	127.9	-63.2	83.	0.0071	0.0071	0.1763	267.0	24.1
14638.	106.0	-62.1	128.7	128.7	-63.3	83.	0.0071	0.0071	0.1748	266.0	24.1
14684.	105.1	-62.0	129.7	129.7	-63.3	83.	0.0071	0.0071	0.1734	266.0	24.1
14730.	104.2	-61.9	130.7	130.7	-63.2	83.	0.0071	0.0071	0.1719	266.0	24.1
14776.	103.4	-61.9	131.6	131.6	-63.2	83.	0.0071	0.0071	0.1705	266.0	24.1
14822.	102.5	-61.6	133.4	133.4	-62.9	83.	0.0072	0.0072	0.1690	266.0	24.1
14868.	101.6	-61.6	135.5	135.5	-62.9	83.	0.0074	0.0074	0.1673	266.0	24.1
14914.	100.7	-61.5	136.5	136.5	-62.7	83.	0.0077	0.0077	0.1656	265.0	24.1
14960.	99.9	-61.5	136.5	136.5	-62.7	83.	0.0075	0.0075	0.1644	265.0	24.1
15006.	99.1	-61.7	136.1	136.1	-63.1	83.	0.0073	0.0073	0.1633	265.0	24.1
15052.	98.2	-61.7	137.6	137.6	-63.1	83.	0.0072	0.0072	0.1619	265.0	24.1
15098.	97.3	-61.7	137.6	137.6	-63.1	83.	0.0071	0.0071	0.1605	265.0	24.1
15144.	96.5	-61.7	139.6	139.6	-63.1	83.	0.0071	0.0071	0.1591	265.0	24.1
15190.	95.7	-62.2	140.6	140.6	-63.5	83.	0.0069	0.0069	0.1574	265.0	24.1
15236.	94.8	-62.2	141.1	141.1	-63.5	83.	0.0069	0.0069	0.1566	265.0	24.1
15282.	94.0	-62.4	142.0	142.0	-63.7	83.	0.0067	0.0067	0.1553	265.0	24.1
15328.	93.1	-62.4	143.1	143.1	-63.7	83.	0.0067	0.0067	0.1539	265.0	24.1
15374.	92.3	-62.4	144.3	144.3	-63.6	83.	0.0068	0.0068	0.1526	265.0	24.1
15420.	91.5	-62.2	144.6	144.6	-63.6	83.	0.0068	0.0068	0.1512	265.0	24.1
15466.	90.7	-62.2	145.6	145.6	-63.5	83.	0.0066	0.0066	0.1498	265.0	24.1
15512.	89.9	-62.2	146.6	146.6	-63.5	83.	0.0066	0.0066	0.1485	265.0	24.1
15558.	89.1	-62.2	147.7	147.7	-63.5	83.	0.0066	0.0066	0.1471	265.0	24.1
15604.	88.4	-62.2	148.6	148.6	-63.5	83.	0.0066	0.0066	0.1460	265.0	24.1
15650.	87.6	-62.2	149.7	149.7	-63.5	83.	0.0066	0.0066	0.1447	265.0	24.1
15696.	86.8	-62.1	151.2	151.2	-63.5	83.	0.0071	0.0071	0.1433	265.0	24.1
15742.	86.0	-61.7	152.4	152.4	-63.5	83.	0.0071	0.0071	0.1418	265.0	24.1
15788.	85.2	-61.7	153.5	153.5	-62.9	83.	0.0074	0.0074	0.1404	265.0	24.1
15834.	84.4	-61.7	156.3	156.3	-63.3	83.	0.0073	0.0073	0.1390	265.0	24.1
15880.	83.7	-61.7	157.7	157.7	-63.3	83.	0.0073	0.0073	0.1379	265.0	24.1
15926.	82.9	-61.7	158.7	158.7	-63.3	83.	0.0073	0.0073	0.1366	265.0	24.1
15972.	82.1	-61.7	159.9	159.9	-63.3	83.	0.0073	0.0073	0.1353	265.0	24.1
16018.	81.3	-61.7	160.9	160.9	-63.3	83.	0.0073	0.0073	0.1339	265.0	24.1
16064.	80.6	-61.7	162.2	162.2	-63.3	83.	0.0073	0.0073	0.1328	265.0	24.1
16110.	79.9	-61.6	162.2	162.2	-63.3	83.	0.0073	0.0073	0.1316	265.0	24.1
16156.	79.2	-61.6	163.3	163.3	-63.3	83.	0.0074	0.0074	0.1304	265.0	24.1
16202.	78.5	-61.6	164.4	164.4	-63.3	83.	0.0074	0.0074	0.1293	265.0	24.1
16248.	77.7	-61.6	166.4	166.4	-63.3	83.	0.0074	0.0074	0.1279	265.0	24.1
16294.	77.2	-61.6	168.6	168.6	-63.3	83.	0.0074	0.0074	0.1267	265.0	24.1
16340.	76.6	-61.6	169.1	169.1	-63.3	83.	0.0074	0.0074	0.1253	265.0	24.1
16386.	75.9	-61.6	171.1	171.1	-61.7	83.	0.0087	0.0087	0.1243	265.0	24.1
16432.	75.3	-61.6	172.4	172.4	-61.7	83.	0.0084	0.0084	0.1232	265.0	24.1
16478.	74.7	-61.6	173.8	173.8	-61.7	83.	0.0091	0.0091	0.1222	265.0	24.1
16524.	74.1	-59.3	175.8	175.8	-61.1	83.	0.0095	0.0095	0.1211	265.0	24.1
16570.	73.4	-59.4	178.6	178.6	-61.1	83.	0.0095	0.0095	0.1198	265.0	24.1
16616.	72.8	-59.4	178.6	178.6	-61.1	83.	0.0094	0.0094	0.1187	265.0	24.1
16662.	72.2	-59.9	180.0	180.0	-61.1	83.	0.0101	0.0101	0.1175	265.0	24.1
16708.	71.6	-59.9	181.1	181.1	-61.1	83.	0.0104	0.0104	0.1164	265.0	24.1
16754.	71.0	-59.9	183.7	183.7	-61.1	83.	0.0113	0.0113	0.1151	265.0	24.1
16800.	70.3	-58.8	184.4	184.4	-61.1	83.	0.0113	0.0113	0.1135	265.0	24.1
16846.	69.7	-58.8	185.5	185.5	-61.1	83.	0.0113	0.0113	0.1123	265.0	24.1
16892.	69.1	-58.8	186.6	186.6	-61.1	83.	0.0113	0.0113	0.1111	265.0	24.1
16938.	68.5	-58.8	188.0	188.0	-61.1	83.	0.0113	0.0113	0.1101	265.0	24.1
16984.	67.9	-58.8	189.0	189.0	-61.1	83.	0.0113	0.0113	0.1091	265.0	24.1
17030.	67.2	-58.8	190.0	190.0	-61.1	83.	0.0113	0.0113	0.1081	265.0	24.1
17076.	66.7	-58.8	191.1	191.1	-61.1	83.	0.0113	0.0113	0.1071	265.0	24.1
17122.	66.1	-58.8	192.2	192.2	-61.1	83.	0.0113	0.0113	0.1061	265.0	24.1
17168.	65.5	-58.8	193.3	193.3	-61.1	83.	0.0113	0.0113	0.1051	265.0	24.1
17214.	64.9	-58.8	194.4	194.4	-61.1	83.	0.0113	0.0113			

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
18235.	60.5	-58.1	206.0	206.1	-59.5	83.	0.0116	0.0117	0.0980	272.0	39.8
18298.	59.9	-58.0	207.6	207.7	-59.4	83.	0.0117	0.0119	0.0970	272.0	40.0
18350.	59.4	-57.7	209.4	209.5	-59.1	83.	0.0122	0.0124	0.0961	272.0	40.1
18414.	58.8	-57.3	211.3	211.3	-58.8	83.	0.0129	0.0127	0.0950	272.0	40.3
18468.	58.3	-56.9	213.2	213.2	-58.7	83.	0.0130	0.0130	0.0941	271.0	40.4
18534.	57.7	-56.5	215.0	215.0	-58.6	83.	0.0130	0.0130	0.0931	271.0	40.4
18589.	57.2	-56.3	216.6	216.6	-58.7	83.	0.0129	0.0130	0.0923	271.0	40.5
18655.	56.6	-56.3	217.0	217.0	-58.7	83.	0.0129	0.0130	0.0914	271.0	40.5
18711.	56.1	-56.2	218.5	218.6	-58.6	83.	0.0130	0.0132	0.0905	271.0	40.5
18768.	55.6	-56.0	220.2	220.3	-58.4	83.	0.0134	0.0135	0.0896	271.0	40.4
18836.	55.0	-56.0	222.0	222.0	-58.3	83.	0.0136	0.0137	0.0886	271.0	40.3
18894.	54.5	-56.8	223.5	223.6	-58.2	83.	0.0138	0.0139	0.0878	271.0	40.2
18952.	54.0	-56.7	225.1	225.1	-58.1	83.	0.0139	0.0140	0.0869	271.0	40.1
19011.	53.5	-56.4	226.8	226.8	-58.1	83.	0.0139	0.0140	0.0861	271.0	40.1
19071.	53.0	-56.3	228.3	228.3	-58.3	83.	0.0136	0.0137	0.0854	271.0	40.0
19130.	52.5	-56.1	229.8	229.8	-58.3	83.	0.0132	0.0133	0.0847	271.0	40.0
19191.	52.0	-56.0	231.3	231.3	-58.0	83.	0.0130	0.0131	0.0838	271.0	39.9
19243.	51.5	-56.7	233.0	233.0	-57.9	83.	0.0139	0.0140	0.0831	271.0	39.8
19301.	51.1	-56.4	234.6	234.6	-57.9	83.	0.0143	0.0144	0.0822	271.0	39.8
19351.	50.7	-56.4	236.2	236.2	-57.8	83.	0.0145	0.0146	0.0815	271.0	39.8
19401.	50.3	-56.3	237.8	237.8	-57.7	83.	0.0147	0.0148	0.0808	271.0	39.8
19465.	49.8	-56.1	239.1	239.2	-57.5	83.	0.0151	0.0151	0.0799	272.0	39.8
19516.	49.4	-56.1	240.3	240.4	-57.5	83.	0.0151	0.0151	0.0793	271.0	40.0
19568.	49.0	-56.1	240.5	240.6	-57.5	83.	0.0151	0.0151	0.0787	271.0	40.0
19620.	48.6	-56.9	242.2	242.2	-57.3	83.	0.0155	0.0155	0.0779	271.0	40.2
19672.	48.2	-56.6	244.1	244.2	-57.3	83.	0.0161	0.0161	0.0772	270.0	40.3
19725.	47.8	-56.2	246.3	246.3	-56.6	83.	0.0169	0.0170	0.0764	270.0	40.5
19779.	47.4	-55.8	248.5	248.6	-56.6	83.	0.0178	0.0178	0.0756	271.0	40.8
19833.	47.0	-55.6	250.5	250.5	-56.0	83.	0.0183	0.0183	0.0749	270.0	40.9
19887.	46.6	-55.6	252.5	252.5	-56.1	83.	0.0183	0.0183	0.0743	270.0	41.0
19943.	46.2	-55.3	254.5	254.5	-55.9	83.	0.0185	0.0185	0.0738	270.0	41.2
19998.	45.8	-55.3	256.5	256.5	-55.9	83.	0.0190	0.0190	0.0729	270.0	41.9
20068.	45.3	-55.3	258.5	258.5	-55.6	83.	0.0198	0.0197	0.0720	270.0	42.4
20125.	44.9	-55.8	259.1	259.1	-55.5	83.	0.0202	0.0202	0.0713	270.0	42.8
20183.	44.5	-55.5	261.2	261.2	-55.0	83.	0.0211	0.0209	0.0706	270.0	43.2
20241.	44.1	-55.4	262.8	262.8	-54.9	83.	0.0214	0.0212	0.0699	271.0	43.6
20299.	43.7	-55.3	264.4	264.5	-54.8	83.	0.0216	0.0215	0.0693	271.0	44.0
20358.	43.3	-56.2	266.1	266.2	-54.7	83.	0.0219	0.0217	0.0686	272.0	44.4
20418.	42.9	-56.1	267.8	267.8	-54.4	83.	0.0222	0.0220	0.0679	272.0	44.8
20463.	42.6	-56.1	269.3	269.3	-54.4	83.	0.0222	0.0222	0.0675	272.0	45.3
20524.	42.2	-56.0	270.5	270.7	-54.5	83.	0.0225	0.0225	0.0668	273.0	45.7
20585.	41.8	-56.0	272.3	272.4	-54.4	83.	0.0229	0.0229	0.0661	273.0	46.2
20647.	41.4	-56.7	274.3	274.4	-54.4	83.	0.0231	0.0231	0.0654	274.0	46.6
20710.	41.0	-56.7	275.3	275.3	-54.2	83.	0.0233	0.0233	0.0648	274.0	47.0
20757.	40.7	-56.7	277.9	277.9	-54.2	83.	0.0233	0.0233	0.0643	274.0	47.3
20821.	40.3	-56.7	278.5	278.6	-54.2	83.	0.0233	0.0233	0.0637	274.0	47.7
20885.	39.9	-56.7	280.1	280.2	-54.2	83.	0.0233	0.0233	0.0631	274.0	47.9
20934.	39.6	-56.0	283.2	283.2	-53.8	83.	0.0255	0.0251	0.0624	275.0	47.9
21000.	39.2	-56.3	286.6	286.6	-53.8	83.	0.0278	0.0274	0.0616	274.0	48.1
21069.	38.9	-56.5	287.1	287.1	-53.8	83.	0.0271	0.0267	0.0612	274.0	47.9
21116.	38.6	-56.5	288.7	288.7	-53.1	83.	0.0266	0.0264	0.0606	274.0	48.0
21184.	38.1	-56.7	290.5	290.5	-53.1	83.	0.0265	0.0261	0.0600	275.0	48.2

SOUNDING 29.0
 LATITUDE -61.4 LONGITUDE 2.4
 DATE 10-29-81 TIME 2339 GMT
 NUMBER OF LEVELS 616

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
0.	988.4	-10.0	-5.1	-8.9	-12.4	81.	2.1143	1.7566	1.3102	226.0	10.0
57.	981.1	-10.0	-9.4	-9.2	-12.4	80.	1.4584	1.2309	1.3040	221.0	10.9
113.	974.0	-11.0	-9.5	-9.4	-12.9	61.	1.1775	1.1775	1.2980	216.0	10.8
167.	967.0	-12.0	-9.6	-9.6	-17.2	61.	1.3574	1.1433	1.2982	215.0	11.0
222.	960.4	-12.0	-9.6	-9.6	-17.2	65.	1.3196	1.1183	1.2862	215.0	11.8
272.	953.4	-13.0	-9.7	-9.6	-17.8	66.	1.2803	1.0864	1.2799	214.0	11.5
323.	947.5	-13.0	-9.8	-9.6	-18.0	60.	1.2603	1.0700	1.2738	214.0	14.1
372.	941.4	-14.0	-9.7	-9.6	-18.0	70.	1.2607	1.0622	1.2675	213.0	14.5
419.	935.5	-14.0	-9.6	-9.5	-18.6	69.	1.1893	1.0114	1.2615	213.0	14.6
466.	929.7	-14.0	-9.5	-9.3	-18.9	69.	1.1559	0.9850	1.2551	213.0	14.7
504.	924.4	-15.0	-9.4	-9.3	-19.3	69.	1.1140	0.9507	1.2498	212.0	14.7
555.	918.7	-15.0	-9.3	-9.2	-19.2	71.	1.1146	0.9514	1.2436	212.0	14.7
600.	913.3	-16.1	-9.4	-9.2	-19.4	73.	1.0442	0.9345	1.2387	211.0	14.5
644.	906.8	-16.0	-9.4	-9.2	-19.6	75.	1.0730	0.9171	1.2322	211.0	14.4
705.	900.7	-17.0	-9.3	-9.1	-19.4	76.	1.0471	0.8960	1.2258	210.0	14.3
754.	894.5	-17.0	-9.2	-8.9	-19.1	77.	1.0316	0.8832	1.2192	210.0	14.3
794.	888.4	-17.0	-9.1	-8.8	-18.3	77.	1.0022	0.8596	1.2134	210.0	14.3
841.	883.4	-18.0	-9.0	-8.8	-18.3	77.	0.9657	0.8292	1.2073	210.0	14.0
883.	879.5	-18.0	-8.9	-8.7	-21.2	76.	0.9265	0.7967	1.2010	210.0	13.9
927.	874.3	-18.6	-8.8	-8.5	-21.5	76.	0.8865	0.7751	1.1973	210.0	13.5
971.	869.1	-19.1	-8.7	-8.6	-21.0	76.	0.8587	0.7407	1.1925	210.0	13.3
1013.	864.2	-19.5	-8.7	-8.6	-22.3	76.	0.8265	0.7141	1.1876	210.0	13.0
1058.	859.0	-20.6	-8.6	-8.5	-22.2	75.	0.7926	0.6859	1.1818	210.0	12.8
1103.	853.9	-20.0	-8.5	-8.4	-22.0	76.	0.7729	0.6698	1.1765	210.0	12.3
1152.	848.1	-20.0	-8.4	-8.3	-21.7	77.	0.7525	0.6534	1.1705	210.0	11.7
1201.	842.5	-20.0	-8.2	-8.2	-21.7	76.	0.7324	0.6374	1.1641	210.0	11.4
1246.	837.4	-21.1	-8.1	-8.1	-21.4	74.	0.7167	0.6214	1.1589	210.0	11.0
1294.	832.0	-21.1	-8.0	-7.9	-21.8	71.	0.6484	0.5657	1.1528	210.0	10.3
1342.	826.5	-22.2	-7.9	-7.7	-21.8	71.	0.6656	0.5506	1.1469	210.0	10.6
1393.	821.0	-22.2	-7.8	-7.6	-21.8	61.	0.6389	0.5347	1.1410	210.0	10.2
1446.	815.7	-23.0	-7.7	-7.5	-21.8	50.	0.6286	0.5145	1.1353	210.0	9.7
1500.	810.6	-23.0	-7.6	-7.4	-21.8	52.	0.6074	0.4930	1.1293	210.0	9.2
1554.	805.4	-22.0	-7.5	-7.3	-21.7	52.	0.5830	0.4713	1.1235	210.0	8.7
1608.	800.3	-21.0	-7.4	-7.2	-21.7	53.	0.5593	0.4497	1.1176	210.0	8.2
1662.	795.2	-19.0	-7.3	-7.1	-21.6	53.	0.5347	0.4280	1.1118	210.0	7.7
1715.	790.1	-13.4	-7.2	-7.0	-21.6	53.	0.5102	0.4063	1.1059	210.0	7.2
1767.	785.0	-13.4	-7.1	-6.9	-21.6	52.	0.4857	0.3846	1.0999	210.0	6.7
1819.	779.9	-13.4	-7.0	-6.8	-21.6	52.	0.4612	0.3629	1.0939	210.0	6.2
1871.	774.8	-13.4	-6.9	-6.7	-21.6	51.	0.4367	0.3412	1.0879	210.0	5.7
1923.	769.7	-13.4	-6.8	-6.6	-21.6	51.	0.4122	0.3195	1.0819	210.0	5.2
1975.	764.6	-13.4	-6.7	-6.5	-21.6	50.	0.3877	0.2978	1.0759	210.0	4.7
2027.	759.5	-13.4	-6.6	-6.4	-21.6	49.	0.3632	0.2761	1.0699	210.0	4.2
2079.	754.4	-13.4	-6.5	-6.3	-21.6	49.	0.3387	0.2544	1.0639	210.0	3.7
2131.	749.3	-13.4	-6.4	-6.2	-21.6	48.	0.3142	0.2327	1.0579	210.0	3.2
2183.	744.2	-13.4	-6.3	-6.1	-21.6	47.	0.2897	0.2110	1.0519	210.0	2.7
2235.	739.1	-13.4	-6.2	-6.0	-21.6	46.	0.2652	0.1893	1.0459	210.0	2.2

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	F (MM)	1E+3*RH0W (G/M+3)	RH0 (KG/M+3)	DPR (C/M)	SPEED (M/S)
2132.	742.3	-21.2	1.1	1.1	-5.6	4.	0.0175	0.03559	1.0272	172.3	6.5
2176.	738.4	-21.1	1.5	1.1	-5.1	2.	0.0182	0.03593	1.0214	173.0	6.4
2220.	734.5	-21.0	2.0	1.5	-4.6	1.	0.0189	0.03627	1.0151	174.0	6.4
2264.	730.6	-20.9	2.5	2.0	-4.1	1.	0.0196	0.03661	1.0089	175.0	6.4
2308.	726.7	-20.8	3.0	2.5	-3.6	1.	0.0203	0.03695	1.0029	176.0	6.4
2352.	722.8	-20.7	3.5	3.0	-3.1	1.	0.0210	0.03729	0.9970	177.0	6.4
2396.	718.9	-20.6	4.0	3.5	-2.6	1.	0.0217	0.03763	0.9911	178.0	6.4
2440.	715.0	-20.5	4.5	4.0	-2.1	1.	0.0224	0.03797	0.9852	179.0	6.4
2484.	711.1	-20.4	5.0	4.5	-1.6	1.	0.0231	0.03831	0.9793	180.0	6.4
2528.	707.2	-20.3	5.5	5.0	-1.1	1.	0.0238	0.03865	0.9734	181.0	6.4
2572.	703.3	-20.2	6.0	5.5	-0.6	1.	0.0245	0.03899	0.9675	182.0	6.4
2616.	699.4	-20.1	6.5	6.0	-0.1	1.	0.0252	0.03933	0.9616	183.0	6.4
2660.	695.5	-20.0	7.0	6.5	0.4	1.	0.0259	0.03967	0.9557	184.0	6.4
2704.	691.6	-19.9	7.5	7.0	0.9	1.	0.0266	0.04001	0.9498	185.0	6.4
2748.	687.7	-19.8	8.0	7.5	1.4	1.	0.0273	0.04035	0.9439	186.0	6.4
2792.	683.8	-19.7	8.5	8.0	1.9	1.	0.0280	0.04069	0.9380	187.0	6.4
2836.	679.9	-19.6	9.0	8.5	2.4	1.	0.0287	0.04103	0.9321	188.0	6.4
2880.	676.0	-19.5	9.5	9.0	2.9	1.	0.0294	0.04137	0.9262	189.0	6.4
2924.	672.1	-19.4	10.0	9.5	3.4	1.	0.0301	0.04171	0.9203	190.0	6.4
2968.	668.2	-19.3	10.5	10.0	3.9	1.	0.0308	0.04205	0.9144	191.0	6.4
3012.	664.3	-19.2	11.0	10.5	4.4	1.	0.0315	0.04239	0.9085	192.0	6.4
3056.	660.4	-19.1	11.5	11.0	4.9	1.	0.0322	0.04273	0.9026	193.0	6.4
3100.	656.5	-19.0	12.0	11.5	5.4	1.	0.0329	0.04307	0.8967	194.0	6.4
3144.	652.6	-18.9	12.5	12.0	5.9	1.	0.0336	0.04341	0.8908	195.0	6.4
3188.	648.7	-18.8	13.0	12.5	6.4	1.	0.0343	0.04375	0.8849	196.0	6.4
3232.	644.8	-18.7	13.5	13.0	6.9	1.	0.0350	0.04409	0.8790	197.0	6.4
3276.	640.9	-18.6	14.0	13.5	7.4	1.	0.0357	0.04443	0.8731	198.0	6.4
3320.	637.0	-18.5	14.5	14.0	7.9	1.	0.0364	0.04477	0.8672	199.0	6.4
3364.	633.1	-18.4	15.0	14.5	8.4	1.	0.0371	0.04511	0.8613	200.0	6.4
3408.	629.2	-18.3	15.5	15.0	8.9	1.	0.0378	0.04545	0.8554	201.0	6.4
3452.	625.3	-18.2	16.0	15.5	9.4	1.	0.0385	0.04579	0.8495	202.0	6.4
3496.	621.4	-18.1	16.5	16.0	9.9	1.	0.0392	0.04613	0.8436	203.0	6.4
3540.	617.5	-18.0	17.0	16.5	10.4	1.	0.0399	0.04647	0.8377	204.0	6.4
3584.	613.6	-17.9	17.5	17.0	10.9	1.	0.0406	0.04681	0.8318	205.0	6.4
3628.	609.7	-17.8	18.0	17.5	11.4	1.	0.0413	0.04715	0.8259	206.0	6.4
3672.	605.8	-17.7	18.5	18.0	11.9	1.	0.0420	0.04749	0.8200	207.0	6.4
3716.	601.9	-17.6	19.0	18.5	12.4	1.	0.0427	0.04783	0.8141	208.0	6.4
3760.	598.0	-17.5	19.5	19.0	12.9	1.	0.0434	0.04817	0.8082	209.0	6.4
3804.	594.1	-17.4	20.0	19.5	13.4	1.	0.0441	0.04851	0.8023	210.0	6.4
3848.	590.2	-17.3	20.5	20.0	13.9	1.	0.0448	0.04885	0.7964	211.0	6.4
3892.	586.3	-17.2	21.0	20.5	14.4	1.	0.0455	0.04919	0.7905	212.0	6.4
3936.	582.4	-17.1	21.5	21.0	14.9	1.	0.0462	0.04953	0.7846	213.0	6.4
3980.	578.5	-17.0	22.0	21.5	15.4	1.	0.0469	0.04987	0.7787	214.0	6.4
4024.	574.6	-16.9	22.5	22.0	15.9	1.	0.0476	0.05021	0.7728	215.0	6.4
4068.	570.7	-16.8	23.0	22.5	16.4	1.	0.0483	0.05055	0.7669	216.0	6.4
4112.	566.8	-16.7	23.5	23.0	16.9	1.	0.0490	0.05089	0.7610	217.0	6.4
4156.	562.9	-16.6	24.0	23.5	17.4	1.	0.0497	0.05123	0.7551	218.0	6.4
4200.	559.0	-16.5	24.5	24.0	17.9	1.	0.0504	0.05157	0.7492	219.0	6.4
4244.	555.1	-16.4	25.0	24.5	18.4	1.	0.0511	0.05191	0.7433	220.0	6.4
4288.	551.2	-16.3	25.5	25.0	18.9	1.	0.0518	0.05225	0.7374	221.0	6.4
4332.	547.3	-16.2	26.0	25.5	19.4	1.	0.0525	0.05259	0.7315	222.0	6.4
4376.	543.4	-16.1	26.5	26.0	19.9	1.	0.0532	0.05293	0.7256	223.0	6.4
4420.	539.5	-16.0	27.0	26.5	20.4	1.	0.0539	0.05327	0.7197	224.0	6.4
4464.	535.6	-15.9	27.5	27.0	20.9	1.	0.0546	0.05361	0.7138	225.0	6.4
4508.	531.7	-15.8	28.0	27.5	21.4	1.	0.0553	0.05395	0.7079	226.0	6.4
4552.	527.8	-15.7	28.5	28.0	21.9	1.	0.0560	0.05429	0.7020	227.0	6.4
4596.	523.9	-15.6	29.0	28.5	22.4	1.	0.0567	0.05463	0.6961	228.0	6.4
4640.	520.0	-15.5	29.5	29.0	22.9	1.	0.0574	0.05497	0.6902	229.0	6.4
4684.	516.1	-15.4	30.0	29.5	23.4	1.	0.0581	0.05531	0.6843	230.0	6.4
4728.	512.2	-15.3	30.5	30.0	23.9	1.	0.0588	0.05565	0.6784	231.0	6.4
4772.	508.3	-15.2	31.0	30.5	24.4	1.	0.0595	0.05599	0.6725	232.0	6.4
4816.	504.4	-15.1	31.5	31.0	24.9	1.	0.0602	0.05633	0.6666	233.0	6.4
4860.	500.5	-15.0	32.0	31.5	25.4	1.	0.0609	0.05667	0.6607	234.0	6.4
4904.	496.6	-14.9	32.5	32.0	25.9	1.	0.0616	0.05701	0.6548	235.0	6.4
4948.	492.7	-14.8	33.0	32.5	26.4	1.	0.0623	0.05735	0.6489	236.0	6.4
4992.	488.8	-14.7	33.5	33.0	26.9	1.	0.0630	0.05769	0.6430	237.0	6.4
5036.	484.9	-14.6	34.0	33.5	27.4	1.	0.0637	0.05803	0.6371	238.0	6.4
5080.	481.0	-14.5	34.5	34.0	27.9	1.	0.0644	0.05837	0.6312	239.0	6.4
5124.	477.1	-14.4	35.0	34.5	28.4	1.	0.0651	0.05871	0.6253	240.0	6.4
5168.	473.2	-14.3	35.5	35.0	28.9	1.	0.0658	0.05905	0.6194	241.0	6.4
5212.	469.3	-14.2	36.0	35.5	29.4	1.	0.0665	0.05939	0.6135	242.0	6.4
5256.	465.4	-14.1	36.5	36.0	29.9	1.	0.0672	0.05973	0.6076	243.0	6.4
5300.	461.5	-14.0	37.0	36.5	30.4	1.	0.0679	0.06007	0.6017	244.0	6.4
5344.	457.6	-13.9	37.5	37.0	30.9	1.	0.0686	0.06041	0.5958	245.0	6.4
5388.	453.7	-13.8	38.0	37.5	31.4	1.	0.0693	0.06075	0.5899	246.0	6.4
5432.	449.8	-13.7	38.5	38.0	31.9	1.	0.0700	0.06109	0.5840	247.0	6.4
5476.	445.9	-13.6	39.0	38.5	32.4	1.	0.0707	0.06143	0.5781	248.0	6.4
5520.	442.0	-13.5	39.5	39.0	32.9	1.	0.0714	0.06177	0.5722	249.0	6.4
5564.	438.1	-13.4	40.0	39.5	33.4	1.	0.0721	0.06211	0.5663	250.0	6.4
5608.	434.2	-13.3	40.5	40.0	33.9	1.	0.0728	0.06245	0.5604	251.0	6.4
5652.	430.3	-13.2	41.0	40.5	34.4	1.	0.0735	0.06279	0.5545	252.0	6.4
5696.	426.4	-13.1	41.5	41.0	34.9	1.	0.0742	0.06313	0.5486	253.0	6.4
5740.	422.5	-13.0	42.0	41.5	35.4	1.	0.0749	0.06347	0.5427	254.0	6.4
5784.	418.6	-12.9	42.5	42.0	35.9	1.	0.0756	0.06381	0.5368	255.0	6.4
5828.	414.7	-12.8	43.0	42.5	36.4	1.	0.0763	0.06415	0.5309	256.0	6.4
5872.	410.8	-12.7	43.5	43.0	36.9	1.	0.0770	0.06449	0.5250	257.0	6.4
5916.	406.9	-12.6	44.0	43.5	37.4	1.	0.0777	0.06483	0.5191	258.0	6.4
5960.	403.0	-12.5	44.5	44.0	37.9	1.	0.0784	0.06517	0.5132	259.0	6.4
6004.	399.1	-12.4	45.0	44.5	38.4	1.	0.0791	0.06551	0.5073	260.0	6.4
6048.	395.2	-12.3	45.5	45.0	38.9	1.	0.0798	0.06585	0.5014	261.0	6.4
6092.	391.3	-12.2	46.0	45.5	39.4	1.	0.0805	0.06619	0.4955	262.0	6.4
6136.	387.4	-12.1	46.5	46.0	39.9	1.	0.0812	0.06653	0.4896	263.0	6.4
6180.	383.5	-12.0	47.0	46.5	40.4	1.	0.0819	0.06687	0.4837	264.0	6.4
6224.	379.6	-11.9	47.5	47.0	40.9	1.	0.0826	0.06721	0.4778	265.0	6.4
6268.	375.7	-11.8	48.0	47.5	41.4	1.	0.0833	0.06755	0.4719	266.0	6.4
6312.	371.8	-11.7	48.5	48.0	41.9	1.	0.0840	0.06789	0.4660	267.0	6.4
6356.	367.9	-11.6	49.0	48.5	42.4	1.	0.0847	0.06823	0.4601	268.0	6.4
6400.	364.0	-11.5	49.5	49.0	42.9	1.	0.0854	0.06857	0.4542	269.0	6.4

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOM (G/M+3)	RHO (KG/M+3)	DIR (DEG)	SPEED (M/S)
6468.	477.1	-48.8	39.1	19.1	-61.3	21.	0.0133	0.01125	0.6196	315.0	12.6
6506.	467.8	-48.4	39.0	19.3	-61.4	21.	0.0110	0.01120	0.6166	314.0	12.6
6547.	459.0	-48.6	39.0	19.6	-61.5	21.	0.0108	0.01100	0.6133	313.0	12.6
6585.	450.0	-48.6	39.0	0.1	-61.6	21.	0.0106	0.01080	0.6097	312.0	12.6
6622.	441.0	-48.7	39.0	0.4	-61.7	21.	0.0104	0.01060	0.6066	312.0	12.6
6666.	432.0	-48.8	39.0	0.6	-61.8	21.	0.0102	0.01040	0.6030	311.0	12.6
6694.	423.0	-48.8	39.0	0.8	-61.9	21.	0.0100	0.01020	0.6006	310.0	12.6
6737.	414.0	-48.9	39.0	1.1	-62.0	21.	0.0098	0.01000	0.5976	310.0	12.6
6777.	405.0	-49.0	39.0	1.4	-62.1	21.	0.0096	0.00980	0.5943	309.0	12.6
6818.	396.0	-49.1	39.0	1.7	-62.2	21.	0.0094	0.00960	0.5908	308.0	12.6
6854.	387.0	-49.2	39.0	2.0	-62.3	21.	0.0092	0.00940	0.5875	307.0	12.6
6899.	378.0	-49.3	39.0	2.3	-62.4	21.	0.0090	0.00920	0.5843	307.0	12.6
6942.	369.0	-49.4	39.0	2.6	-62.5	21.	0.0088	0.00900	0.5810	306.0	12.6
6986.	360.0	-49.5	39.0	2.9	-62.6	21.	0.0086	0.00880	0.5779	306.0	12.6
7031.	351.0	-49.6	39.0	3.2	-62.7	21.	0.0084	0.00860	0.5747	305.0	12.6
7076.	342.0	-49.7	39.0	3.5	-62.8	21.	0.0082	0.00840	0.5717	304.0	12.6
7121.	333.0	-49.8	39.0	3.8	-62.9	21.	0.0080	0.00820	0.5685	304.0	12.6
7167.	324.0	-49.9	39.0	4.1	-63.0	21.	0.0078	0.00800	0.5654	303.0	12.6
7212.	315.0	-50.0	39.0	4.4	-63.1	21.	0.0076	0.00780	0.5623	303.0	12.6
7258.	306.0	-50.1	39.0	4.7	-63.2	21.	0.0074	0.00760	0.5593	302.0	12.6
7304.	297.0	-50.2	39.0	5.0	-63.3	21.	0.0072	0.00740	0.5563	302.0	12.6
7350.	288.0	-50.3	39.0	5.3	-63.4	21.	0.0070	0.00720	0.5533	301.0	12.6
7396.	279.0	-50.4	39.0	5.6	-63.5	21.	0.0068	0.00700	0.5503	301.0	12.6
7442.	270.0	-50.5	39.0	5.9	-63.6	21.	0.0066	0.00680	0.5473	300.0	12.6
7488.	261.0	-50.6	39.0	6.2	-63.7	21.	0.0064	0.00660	0.5443	300.0	12.6
7534.	252.0	-50.7	39.0	6.5	-63.8	21.	0.0062	0.00640	0.5413	299.0	12.6
7580.	243.0	-50.8	39.0	6.8	-63.9	21.	0.0060	0.00620	0.5383	299.0	12.6
7626.	234.0	-50.9	39.0	7.1	-64.0	21.	0.0058	0.00600	0.5353	298.0	12.6
7672.	225.0	-51.0	39.0	7.4	-64.1	21.	0.0056	0.00580	0.5323	298.0	12.6
7718.	216.0	-51.1	39.0	7.7	-64.2	21.	0.0054	0.00560	0.5293	297.0	12.6
7764.	207.0	-51.2	39.0	8.0	-64.3	21.	0.0052	0.00540	0.5263	297.0	12.6
7810.	198.0	-51.3	39.0	8.3	-64.4	21.	0.0050	0.00520	0.5233	297.0	12.6
7856.	189.0	-51.4	39.0	8.6	-64.5	21.	0.0048	0.00500	0.5203	296.0	12.6
7902.	180.0	-51.5	39.0	8.9	-64.6	21.	0.0046	0.00480	0.5173	296.0	12.6
7948.	171.0	-51.6	39.0	9.2	-64.7	21.	0.0044	0.00460	0.5143	295.0	12.6
7994.	162.0	-51.7	39.0	9.5	-64.8	21.	0.0042	0.00440	0.5113	295.0	12.6
8040.	153.0	-51.8	39.0	9.8	-64.9	21.	0.0040	0.00420	0.5083	294.0	12.6
8086.	144.0	-51.9	39.0	10.1	-65.0	21.	0.0038	0.00400	0.5053	294.0	12.6
8132.	135.0	-52.0	39.0	10.4	-65.1	21.	0.0036	0.00380	0.5023	293.0	12.6
8178.	126.0	-52.1	39.0	10.7	-65.2	21.	0.0034	0.00360	0.4993	293.0	12.6
8224.	117.0	-52.2	39.0	11.0	-65.3	21.	0.0032	0.00340	0.4963	292.0	12.6
8270.	108.0	-52.3	39.0	11.3	-65.4	21.	0.0030	0.00320	0.4933	292.0	12.6
8316.	99.0	-52.4	39.0	11.6	-65.5	21.	0.0028	0.00300	0.4903	291.0	12.6
8362.	90.0	-52.5	39.0	11.9	-65.6	21.	0.0026	0.00280	0.4873	291.0	12.6
8408.	81.0	-52.6	39.0	12.2	-65.7	21.	0.0024	0.00260	0.4843	290.0	12.6
8454.	72.0	-52.7	39.0	12.5	-65.8	21.	0.0022	0.00240	0.4813	290.0	12.6
8500.	63.0	-52.8	39.0	12.8	-65.9	21.	0.0020	0.00220	0.4783	289.0	12.6
8546.	54.0	-52.9	39.0	13.1	-66.0	21.	0.0018	0.00200	0.4753	289.0	12.6
8592.	45.0	-53.0	39.0	13.4	-66.1	21.	0.0016	0.00180	0.4723	288.0	12.6
8638.	36.0	-53.1	39.0	13.7	-66.2	21.	0.0014	0.00160	0.4693	288.0	12.6
8684.	27.0	-53.2	39.0	14.0	-66.3	21.	0.0012	0.00140	0.4663	287.0	12.6
8730.	18.0	-53.3	39.0	14.3	-66.4	21.	0.0010	0.00120	0.4633	287.0	12.6
8776.	9.0	-53.4	39.0	14.6	-66.5	21.	0.0008	0.00100	0.4603	286.0	12.6
8822.	0.0	-53.5	39.0	14.9	-66.6	21.	0.0006	0.00080	0.4573	286.0	12.6
8868.	-9.0	-53.6	39.0	15.2	-66.7	21.	0.0004	0.00060	0.4543	285.0	12.6
8914.	-18.0	-53.7	39.0	15.5	-66.8	21.	0.0002	0.00040	0.4513	285.0	12.6
8960.	-27.0	-53.8	39.0	15.8	-66.9	21.	0.0000	0.00020	0.4483	284.0	12.6
9006.	-36.0	-53.9	39.0	16.1	-67.0	21.	0.0000	0.00000	0.4453	284.0	12.6
9052.	-45.0	-54.0	39.0	16.4	-67.1	21.	0.0000	0.00000	0.4423	283.0	12.6
9098.	-54.0	-54.1	39.0	16.7	-67.2	21.	0.0000	0.00000	0.4393	283.0	12.6
9144.	-63.0	-54.2	39.0	17.0	-67.3	21.	0.0000	0.00000	0.4363	282.0	12.6
9190.	-72.0	-54.3	39.0	17.3	-67.4	21.	0.0000	0.00000	0.4333	282.0	12.6
9236.	-81.0	-54.4	39.0	17.6	-67.5	21.	0.0000	0.00000	0.4303	281.0	12.6
9282.	-90.0	-54.5	39.0	17.9	-67.6	21.	0.0000	0.00000	0.4273	281.0	12.6
9328.	-99.0	-54.6	39.0	18.2	-67.7	21.	0.0000	0.00000	0.4243	280.0	12.6
9374.	-108.0	-54.7	39.0	18.5	-67.8	21.	0.0000	0.00000	0.4213	280.0	12.6
9420.	-117.0	-54.8	39.0	18.8	-67.9	21.	0.0000	0.00000	0.4183	279.0	12.6
9466.	-126.0	-54.9	39.0	19.1	-68.0	21.	0.0000	0.00000	0.4153	279.0	12.6
9512.	-135.0	-55.0	39.0	19.4	-68.1	21.	0.0000	0.00000	0.4123	278.0	12.6
9558.	-144.0	-55.1	39.0	19.7	-68.2	21.	0.0000	0.00000	0.4093	278.0	12.6
9604.	-153.0	-55.2	39.0	20.0	-68.3	21.	0.0000	0.00000	0.4063	277.0	12.6
9650.	-162.0	-55.3	39.0	20.3	-68.4	21.	0.0000	0.00000	0.4033	277.0	12.6
9696.	-171.0	-55.4	39.0	20.6	-68.5	21.	0.0000	0.00000	0.4003	276.0	12.6
9742.	-180.0	-55.5	39.0	20.9	-68.6	21.	0.0000	0.00000	0.3973	276.0	12.6
9788.	-189.0	-55.6	39.0	21.2	-68.7	21.	0.0000	0.00000	0.3943	275.0	12.6
9834.	-198.0	-55.7	39.0	21.5	-68.8	21.	0.0000	0.00000	0.3913	275.0	12.6
9880.	-207.0	-55.8	39.0	21.8	-68.9	21.	0.0000	0.00000	0.3883	274.0	12.6
9926.	-216.0	-55.9	39.0	22.1	-69.0	21.	0.0000	0.00000	0.3853	274.0	12.6
9972.	-225.0	-56.0	39.0	22.4	-69.1	21.	0.0000	0.00000	0.3823	273.0	12.6
10018.	-234.0	-56.1	39.0	22.7	-69.2	21.	0.0000	0.00000	0.3793	273.0	12.6
10064.	-243.0	-56.2	39.0	23.0	-69.3	21.	0.0000	0.00000	0.3763	272.0	12.6
10110.	-252.0	-56.3	39.0	23.3	-69.4	21.	0.0000	0.00000	0.3733	272.0	12.6
10156.	-261.0	-56.4	39.0	23.6	-69.5	21.	0.0000	0.00000	0.3703	271.0	12.6
10202.	-270.0	-56.5	39.0	23.9	-69.6	21.	0.0000	0.00000	0.3673	271.0	12.6
10248.	-279.0	-56.6	39.0	24.2	-69.7	21.	0.0000	0.00000	0.3643	270.0	12.6
10294.	-288.0	-56.7	39.0	24.5	-69.8	21.	0.0000	0.00000	0.3613	270.0	12.6
10340.	-297.0	-56.8	39.0	24.8	-69.9	21.	0.0000	0.00000	0.3583	269.0	12.6
10386.	-306.0	-56.9	39.0	25.1	-70.0	21.	0.0000	0.00000	0.3553	269.0	12.6
10432.	-315.0	-57.0	39.0	25.4	-70.1	21.	0.0000	0.00000	0.3523	268.0	12.6
10478.	-324.0	-57.1	39.0	25.7	-70.2	21.	0.0000	0.00000	0.3493	268.0	12.6
10524.	-333.0	-57.2	39.0	26.0	-70.3	21.	0.0000	0.00000	0.3463	267.0	12.6
10570.	-342.0	-57.3	39.0	26.3	-70.4	21.	0.0000	0.00000	0.3433	267.0	12.6
10616.	-351.0	-57.4	39.0	26.6	-70.5	21.	0.0000	0.00000	0.3403	266.0	12.6

HEIGHT (M)	PRES (MM)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E-3*RHOW (G/M**3)	RHO (KG/M**3)	D1R (DEG)	SPEED (M/S)
10622.0	207.6	-62.7	56.4	56.9	-72.8	23.	0.0017	0.0019	0.3427	226.0	13.9
10664.0	205.6	-62.8	57.3	57.3	-72.9	23.	0.0017	0.0018	0.3405	227.0	13.8
10706.0	204.2	-63.0	57.7	57.7	-73.0	23.	0.0016	0.0018	0.3385	228.0	13.7
10745.0	202.9	-63.2	58.0	58.0	-73.2	23.	0.0016	0.0017	0.3367	229.0	13.6
10785.0	201.6	-63.3	58.4	58.4	-73.3	23.	0.0016	0.0017	0.3347	230.0	13.6
10825.0	200.3	-63.4	58.9	58.9	-73.4	23.	0.0016	0.0017	0.3327	231.0	13.4
10864.0	199.0	-63.4	59.5	59.5	-73.4	23.	0.0016	0.0017	0.3305	232.0	13.4
10903.0	197.7	-63.5	60.1	60.1	-73.5	23.	0.0015	0.0017	0.3285	233.0	13.4
10943.0	196.4	-63.7	60.4	60.4	-73.7	23.	0.0015	0.0016	0.3267	234.0	13.3
10983.0	195.2	-64.0	60.6	60.6	-74.1	23.	0.0014	0.0015	0.3251	235.0	13.2
11023.0	194.0	-64.2	61.0	61.0	-74.2	23.	0.0014	0.0015	0.3234	236.0	13.2
11055.0	192.9	-64.3	61.4	61.4	-74.3	23.	0.0014	0.0015	0.3218	237.0	13.1
11093.0	191.7	-64.4	62.4	62.4	-74.3	23.	0.0014	0.0015	0.3199	237.0	13.1
11131.0	190.5	-64.2	63.1	63.1	-74.1	23.	0.0014	0.0015	0.3176	238.0	13.1
11167.0	189.4	-64.1	63.5	63.5	-74.0	23.	0.0014	0.0015	0.3156	239.0	13.1
11202.0	188.3	-64.2	63.9	63.9	-74.1	23.	0.0014	0.0015	0.3139	240.0	13.0
11241.0	187.1	-64.3	64.6	64.6	-74.2	23.	0.0014	0.0015	0.3121	240.0	13.0
11281.0	185.9	-64.5	65.3	65.3	-74.1	23.	0.0014	0.0015	0.3101	239.0	13.1
11320.0	184.7	-64.6	66.1	66.1	-74.0	23.	0.0014	0.0015	0.3079	239.0	13.1
11357.0	183.6	-64.7	67.0	67.0	-73.9	23.	0.0015	0.0016	0.3057	239.0	13.1
11397.0	182.4	-63.5	67.9	67.9	-73.8	23.	0.0015	0.0016	0.3037	239.0	13.2
11437.0	181.1	-63.8	68.4	68.4	-73.8	23.	0.0015	0.0016	0.3015	239.0	13.2
11474.0	180.0	-63.7	69.2	69.2	-73.7	23.	0.0015	0.0016	0.2997	238.0	13.3
11515.0	178.9	-63.7	70.1	70.1	-73.6	23.	0.0015	0.0016	0.2976	238.0	13.5
11557.0	177.7	-63.5	70.9	70.9	-73.5	23.	0.0015	0.0017	0.2954	237.0	13.7
11598.0	176.5	-63.5	71.7	71.7	-73.4	23.	0.0016	0.0017	0.2933	236.0	13.8
11636.0	175.4	-63.4	72.4	72.4	-73.4	23.	0.0016	0.0017	0.2913	235.0	14.1
11678.0	174.2	-63.4	73.1	73.1	-73.4	23.	0.0016	0.0017	0.2893	234.0	14.3
11721.0	173.0	-63.4	73.4	73.4	-73.4	23.	0.0016	0.0017	0.2873	233.0	14.4
11764.0	171.8	-63.6	74.0	74.0	-73.6	23.	0.0015	0.0016	0.2856	233.0	14.6
11810.0	170.5	-63.7	74.5	74.5	-73.7	23.	0.0015	0.0016	0.2836	232.0	14.8
11850.0	169.4	-63.9	74.9	74.9	-73.9	23.	0.0015	0.0016	0.2820	232.0	15.0
11893.0	168.3	-64.4	74.7	74.7	-74.1	23.	0.0015	0.0015	0.2806	231.0	15.2
11933.0	167.1	-64.4	74.7	74.7	-74.4	23.	0.0015	0.0015	0.2790	231.0	15.3
11977.0	165.9	-64.5	74.8	74.8	-74.7	23.	0.0013	0.0014	0.2776	231.0	15.5
12014.0	164.8	-64.5	75.2	75.2	-74.9	23.	0.0012	0.0014	0.2760	231.0	15.7
12058.0	163.7	-65.5	75.5	75.5	-75.0	23.	0.0012	0.0013	0.2742	232.0	15.8
12099.0	162.6	-65.5	75.9	75.9	-75.2	23.	0.0012	0.0013	0.2727	232.0	16.0
12140.0	161.5	-65.5	76.2	76.2	-75.4	23.	0.0011	0.0013	0.2711	232.0	16.3
12182.0	160.4	-65.8	76.6	76.6	-75.6	23.	0.0011	0.0012	0.2695	233.0	16.2
12224.0	159.3	-65.9	77.1	77.1	-75.7	23.	0.0011	0.0012	0.2678	233.0	16.3
12264.0	158.1	-66.0	77.5	77.5	-75.8	23.	0.0011	0.0012	0.2662	234.0	16.5
12300.0	157.0	-66.0	78.0	78.0	-75.8	23.	0.0011	0.0012	0.2645	234.0	16.5
12334.0	155.8	-65.9	79.7	79.7	-75.7	23.	0.0011	0.0012	0.2627	235.0	16.6
12362.0	154.7	-65.9	80.8	80.8	-75.7	23.	0.0011	0.0012	0.2609	235.0	16.7
12404.0	153.5	-65.9	81.4	81.4	-75.6	23.	0.0011	0.0012	0.2591	235.0	16.7
12444.0	152.3	-65.9	82.4	82.4	-75.7	23.	0.0011	0.0013	0.2575	235.0	16.8
12484.0	151.1	-65.9	83.4	83.4	-75.1	23.	0.0013	0.0013	0.2554	236.0	16.8
12524.0	150.0	-65.9	84.2	84.2	-75.0	23.	0.0012	0.0013	0.2536	235.0	16.7
12560.0	148.8	-65.9	84.9	84.9	-75.0	23.	0.0012	0.0013	0.2516	235.0	16.6
12601.0	147.6	-65.9	85.6	85.6	-75.0	23.	0.0012	0.0013	0.2499	236.0	16.5
12642.0	146.5	-65.9	86.5	86.5	-74.9	23.	0.0012	0.0013	0.2483	236.0	16.4
12682.0	145.3	-65.9	87.6	87.6	-74.8	23.	0.0012	0.0014	0.2463	236.0	16.3
12724.0	144.1	-65.9	88.6	88.6	-74.8	23.	0.0012	0.0014	0.2444	236.0	16.3
12764.0	142.9	-65.9	89.5	89.5	-74.5	23.	0.0012	0.0014	0.2425	236.0	16.3
12803.0	141.7	-65.9	90.2	90.2	-74.5	23.	0.0012	0.0014	0.2407	236.0	16.3
12843.0	140.5	-65.9	91.3	91.3	-74.6	23.	0.0012	0.0014	0.2392	236.0	16.3
12883.0	139.3	-65.9	92.0	92.0	-74.6	23.	0.0012	0.0014	0.2378	236.0	16.3
12924.0	138.1	-65.9	92.6	92.6	-74.6	23.	0.0012	0.0014	0.2363	236.0	16.3
12964.0	136.9	-65.9	93.7	93.7	-74.4	23.	0.0013	0.0015	0.2348	237.0	16.3
13004.0	135.7	-65.9	94.3	94.3	-74.4	23.	0.0013	0.0015	0.2332	237.0	16.3
13044.0	134.5	-65.9	94.8	94.8	-74.4	23.	0.0013	0.0015	0.2316	237.0	16.3
13084.0	133.3	-65.9	95.1	95.1	-74.5	23.	0.0013	0.0014	0.2302	237.0	16.3
13124.0	132.1	-65.9	95.4	95.4	-74.7	23.	0.0012	0.0014	0.2288	238.0	16.3
13164.0	130.9	-65.9	95.9	95.9	-74.9	23.	0.0012	0.0014	0.2277	238.0	16.3
13204.0	129.7	-65.9	96.6	96.6	-74.9	23.	0.0012	0.0013	0.2264	239.0	16.3
13244.0	128.5	-65.9	97.3	97.3	-74.9	23.	0.0012	0.0013	0.2250	239.0	16.3
13284.0	127.3	-65.9	97.9	97.9	-74.9	23.	0.0012	0.0013	0.2237	240.0	16.3
13324.0	126.1	-65.9	98.2	98.2	-74.9	23.	0.0012	0.0013	0.2223	240.0	16.3
13364.0	124.9	-65.9	98.7	98.7	-75.1	23.	0.0012	0.0013	0.2209	241.0	16.3
13404.0	123.7	-65.9	99.8	99.8	-75.1	23.	0.0012	0.0013	0.2197	241.0	16.3
13444.0	122.5	-65.9	100.0	100.0	-75.1	23.	0.0012	0.0013	0.2185	242.0	16.3
13484.0	121.3	-65.9	100.0	100.0	-75.1	23.	0.0012	0.0013	0.2171	242.0	16.3
13524.0	120.1	-65.9	100.0	100.0	-75.1	23.	0.0012	0.0013	0.2158	244.0	16.3
13564.0	118.9	-65.9	100.0	100.0	-75.1	23.	0.0012	0.0013	0.2145	245.0	16.3
13604.0	117.7	-65.9	100.0	100.0	-75.1	23.	0.0012	0.0013	0.2131	245.0	16.3
13644.0	116.5	-65.9	100.0	100.0	-75.1	23.	0.0012	0.0013	0.2119	246.0	16.3
13684.0	115.3	-65.9	100.0	100.0	-75.1	23.	0.0012	0.0013	0.2105	246.0	16.3
13724.0	114.1	-65.9	100.0	100.0	-75.1	23.	0.0012	0.0013	0.2092	247.0	16.3
13764.0	112.9	-65.9	100.0	100.0	-75.1	23.	0.0012	0.0013	0.2077	247.0	16.3
13804.0	111.7	-65.9	100.0	100.0	-75.1	23.	0.0012	0.0013	0.2063	247.0	16.3
13844.0	110.5	-65.9	100.0	100.0	-75.1	23.	0.0012	0.0013	0.2050	248.0	16.3
13884.0	109.3	-65.9	100.0	100.0	-75.1	23.	0.0012	0.0013	0.2036	248.0	16.3
13924.0	108.1	-65.9	100.0	100.0	-75.1	23.	0.0012	0.0013	0.2022	248.0	16.3
13964.0	106.9	-65.9	100.0	100.0	-75.1	23.	0.0012	0.0013	0.2010	249.0	16.3
14004.0	105.7	-65.9	100.0	100.0	-75.1	23.	0.0012	0.0013	0.1996	249.0	16.3
14044.0	104.5	-65.9	100.0	100.0	-75.1	23.	0.0012	0.0013	0.1983	250.0	16.3
14084.0	103.3	-65.9	100.0	100.0	-75.1	23.	0.0012	0.0013	0.1969	250.0	16.3
14124.0	102.1	-65.9	100.0	100.0	-75.1	23.	0.0012	0.0013	0.1957	250.0	16.3
14164.0	100.9	-65.9	100.0	100.0	-75.1	23.	0.0012	0.0013	0.1947	250.0	16.3
14204.0	99.7	-65.9	100.0	100.0	-75.1	23.	0.0012	0.0013	0.1936	250.0	16.3
14244.0	98.5	-65.9	100.0	100.0	-75.1	23.	0.0012	0.0013	0.1924	250.0	16.3
14284.0	97.3	-65.9	100.0	100.0	-75.1	23.	0.0012	0.0013	0.1912	250.0	16.3
14324.0	96.1	-65.9	100.0	100.0	-75.1	23.	0.0012	0.0013	0.1901	250.0	16.3
14364.0	94.9	-65.9	100.0	100.0	-75.1	23.	0.0012	0.0013	0.1890	250.0	16.3
14404.0	93.7	-65.9	100.0	100.0	-75.1	23.	0.0012	0.0013	0.1876	250.0	16.3
14444.0	92.5	-65.9	100.0	100.0	-75.1	23.	0.0012	0.0013	0.1862	250.0	16.3
14484.0	91.3	-65.9	100.0	100.0	-75.1	23.	0.0012	0.0013	0.1851	250.0	16.3
14524.0	90.1	-65.9	100.0	100.0	-75.1	23.	0.0012	0.0013	0.1838	250.0	16.3
14564.0	88.9	-65.9	100.0	100.0	-75.1	23.	0.0012	0.0			

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M+3)	RHO (KG/M+3)	D1R (DEG)	SPEED (M/S)
14917.	102.3	-63.5	128.9	128.9	-73.5	23.	0.0015	0.0017	0.1730	258.0	19.2
14953.	101.7	-63.5	129.6	129.6	-73.5	23.	0.0015	0.0017	0.1690	259.0	19.4
14996.	101.0	-63.5	130.4	130.4	-73.5	23.	0.0015	0.0017	0.1678	259.0	19.4
15032.	100.4	-63.4	131.3	131.3	-73.4	23.	0.0015	0.0017	0.1667	259.0	19.8
15069.	99.8	-63.5	131.8	131.8	-73.5	23.	0.0015	0.0017	0.1658	259.0	20.0
15106.	99.2	-63.5	132.5	132.5	-73.5	23.	0.0015	0.0017	0.1648	259.0	20.1
15149.	98.5	-63.6	133.1	133.1	-73.7	23.	0.0015	0.0016	0.1637	259.0	20.2
15187.	97.9	-63.7	133.6	133.6	-73.7	23.	0.0015	0.0016	0.1628	259.0	20.4
15231.	97.2	-63.7	134.4	134.4	-73.7	23.	0.0015	0.0016	0.1617	259.0	20.7
15275.	96.7	-63.8	135.1	135.1	-73.8	23.	0.0015	0.0016	0.1606	259.0	20.8
15315.	96.3	-63.8	135.8	135.8	-73.8	23.	0.0015	0.0016	0.1596	259.0	21.0
15357.	95.9	-63.7	136.7	136.7	-73.7	23.	0.0015	0.0016	0.1585	259.0	21.1
15399.	94.7	-63.6	137.7	137.7	-73.6	23.	0.0015	0.0016	0.1574	259.0	21.2
15436.	94.0	-63.4	138.5	138.5	-73.4	23.	0.0015	0.0016	0.1561	259.0	21.4
15475.	93.4	-63.3	139.9	139.9	-73.3	23.	0.0015	0.0016	0.1550	259.0	21.5
15514.	92.8	-63.3	140.7	140.7	-73.3	23.	0.0015	0.0016	0.1541	259.0	21.5
15554.	92.2	-63.3	141.4	141.4	-73.3	23.	0.0015	0.0016	0.1531	259.0	21.5
15601.	91.5	-63.3	142.3	142.3	-73.3	23.	0.0015	0.0016	0.1519	259.0	21.6
15641.	90.9	-63.3	143.1	143.1	-73.3	23.	0.0015	0.0016	0.1509	259.0	21.6
15682.	90.3	-63.3	144.1	144.1	-73.2	23.	0.0015	0.0016	0.1498	259.0	21.5
15733.	89.6	-63.3	145.6	145.6	-73.1	23.	0.0015	0.0016	0.1486	259.0	21.5
15771.	89.0	-63.3	146.5	146.5	-73.1	23.	0.0015	0.0016	0.1476	259.0	21.4
15823.	88.3	-63.3	147.7	147.7	-73.0	23.	0.0015	0.0016	0.1464	259.0	21.4
15861.	87.7	-63.3	148.8	148.8	-73.0	23.	0.0015	0.0016	0.1454	259.0	21.4
15903.	87.1	-62.2	149.9	149.9	-72.9	23.	0.0015	0.0016	0.1443	259.0	21.4
15939.	86.5	-62.2	149.9	149.9	-72.9	23.	0.0015	0.0016	0.1434	259.0	21.4
15982.	86.0	-62.2	150.8	150.8	-72.9	23.	0.0015	0.0016	0.1424	259.0	21.3
16018.	85.5	-62.7	151.7	151.7	-72.8	23.	0.0015	0.0016	0.1415	259.0	21.4
16061.	84.9	-62.7	152.7	152.7	-72.7	23.	0.0015	0.0016	0.1405	259.0	21.4
16105.	84.3	-62.4	154.0	154.0	-72.5	23.	0.0015	0.0016	0.1393	259.0	21.5
16149.	83.7	-62.2	155.1	155.1	-72.4	23.	0.0015	0.0016	0.1383	259.0	21.5
16186.	83.2	-62.3	155.8	155.8	-72.4	23.	0.0015	0.0016	0.1375	259.0	21.7
16230.	82.6	-62.2	156.9	156.9	-72.3	23.	0.0015	0.0016	0.1364	259.0	21.8
16268.	82.1	-62.2	157.7	157.7	-72.3	23.	0.0015	0.0016	0.1356	259.0	21.8
16313.	81.5	-62.2	158.8	158.8	-72.3	23.	0.0015	0.0016	0.1346	259.0	21.8
16359.	80.9	-62.2	159.9	159.9	-72.3	23.	0.0015	0.0016	0.1336	259.0	21.8
16397.	80.3	-62.2	160.9	160.9	-72.3	23.	0.0015	0.0016	0.1328	259.0	21.7
16443.	79.8	-62.2	161.9	161.9	-72.3	23.	0.0015	0.0016	0.1318	259.0	21.7
16486.	79.3	-62.2	162.9	162.9	-72.2	23.	0.0015	0.0016	0.1310	259.0	21.7
16521.	78.8	-62.1	163.9	163.9	-72.2	23.	0.0015	0.0016	0.1301	259.0	21.6
16568.	78.2	-62.1	163.9	163.9	-72.2	23.	0.0015	0.0016	0.1291	259.0	21.6
16615.	77.7	-62.1	165.1	165.1	-72.1	23.	0.0015	0.0016	0.1280	259.0	21.6
16655.	77.1	-62.1	165.6	165.6	-72.2	23.	0.0015	0.0016	0.1273	259.0	21.5
16703.	76.5	-62.2	166.7	166.7	-72.3	23.	0.0015	0.0016	0.1263	259.0	21.5
16744.	76.0	-62.2	167.7	167.7	-72.4	23.	0.0015	0.0016	0.1256	259.0	21.4
16793.	75.4	-62.2	168.7	168.7	-72.4	23.	0.0015	0.0016	0.1248	259.0	21.4
16842.	74.8	-61.7	170.0	170.0	-71.6	23.	0.0015	0.0016	0.1232	259.0	21.4
16886.	74.3	-61.1	171.6	171.6	-71.5	23.	0.0015	0.0016	0.1223	259.0	21.3
16934.	73.7	-61.1	173.1	173.1	-71.5	23.	0.0015	0.0016	0.1212	259.0	21.3
16984.	73.1	-61.1	174.1	174.1	-71.5	23.	0.0015	0.0016	0.1202	259.0	21.3
17027.	72.6	-61.1	175.2	175.2	-71.4	23.	0.0015	0.0016	0.1193	259.0	21.3
17070.	72.1	-61.1	176.3	176.3	-71.3	23.	0.0015	0.0016	0.1184	259.0	21.3
17113.	71.6	-61.1	177.4	177.4	-71.3	23.	0.0015	0.0016	0.1175	259.0	21.3
17156.	71.1	-61.1	178.5	178.5	-71.3	23.	0.0015	0.0016	0.1165	259.0	21.3
17200.	70.6	-61.1	179.6	179.6	-71.3	23.	0.0015	0.0016	0.1157	259.0	21.2
17244.	70.1	-61.1	180.7	180.7	-71.3	23.	0.0015	0.0016	0.1149	259.0	21.2
17289.	69.6	-61.1	181.7	181.7	-71.3	23.	0.0015	0.0016	0.1141	259.0	21.2
17334.	69.1	-61.1	182.8	182.8	-71.3	23.	0.0015	0.0016	0.1133	259.0	21.2
17376.	68.6	-61.1	183.9	183.9	-71.3	23.	0.0015	0.0016	0.1126	259.0	21.2
17415.	68.1	-61.1	184.9	184.9	-71.3	23.	0.0015	0.0016	0.1118	259.0	21.2
17452.	67.6	-61.1	186.0	186.0	-71.3	23.	0.0015	0.0016	0.1111	259.0	21.2
17488.	67.1	-61.1	187.1	187.1	-71.3	23.	0.0015	0.0016	0.1105	259.0	21.2
17533.	66.6	-61.1	188.2	188.2	-71.3	23.	0.0015	0.0016	0.1097	259.0	21.2
17572.	66.1	-61.1	189.3	189.3	-71.3	23.	0.0015	0.0016	0.1090	259.0	21.2
17618.	65.6	-61.1	190.4	190.4	-71.3	23.	0.0015	0.0016	0.1082	259.0	21.2
17664.	65.1	-61.1	191.5	191.5	-71.3	23.	0.0015	0.0016	0.1074	259.0	21.2
17714.	64.6	-61.1	192.6	192.6	-71.3	23.	0.0015	0.0016	0.1066	259.0	21.2
17762.	64.1	-61.1	193.7	193.7	-71.3	23.	0.0015	0.0016	0.1058	259.0	21.2
17810.	63.6	-61.1	194.8	194.8	-71.3	23.	0.0015	0.0016	0.1050	259.0	21.2
17849.	63.1	-61.1	195.9	195.9	-71.3	23.	0.0015	0.0016	0.1042	259.0	21.2
17898.	62.6	-61.1	197.0	197.0	-71.3	23.	0.0015	0.0016	0.1034	259.0	21.2
17948.	62.1	-61.1	198.1	198.1	-71.3	23.	0.0015	0.0016	0.1026	259.0	21.2
17998.	61.6	-61.1	199.2	199.2	-71.3	23.	0.0015	0.0016	0.1018	259.0	21.2
18048.	61.1	-61.1	200.3	200.3	-71.3	23.	0.0015	0.0016	0.1010	259.0	21.2
18098.	60.6	-61.1	201.4	201.4	-71.3	23.	0.0015	0.0016	0.1002	259.0	21.2
18148.	60.1	-61.1	202.5	202.5	-71.3	23.	0.0015	0.0016	0.0994	259.0	21.2
18198.	59.6	-61.1	203.6	203.6	-71.3	23.	0.0015	0.0016	0.0986	259.0	21.2
18248.	59.1	-61.1	204.7	204.7	-71.3	23.	0.0015	0.0016	0.0978	259.0	21.2
18298.	58.6	-61.1	205.8	205.8	-71.3	23.	0.0015	0.0016	0.0970	259.0	21.2
18348.	58.1	-61.1	206.9	206.9	-71.3	23.	0.0015	0.0016	0.0962	259.0	21.2
18398.	57.6	-61.1	208.0	208.0	-71.3	23.	0.0015	0.0016	0.0954	259.0	21.2
18448.	57.1	-61.1	209.1	209.1	-71.3	23.	0.0015	0.0016	0.0946	259.0	21.2
18498.	56.6	-61.1	210.2	210.2	-71.3	23.	0.0015	0.0016	0.0938	259.0	21.2
18548.	56.1	-61.1	211.3	211.3	-71.3	23.	0.0015	0.0016	0.0930	259.0	21.2
18598.	55.6	-61.1	212.4	212.4	-71.3	23.	0.0015	0.0016	0.0922	259.0	21.2
18648.	55.1	-61.1	213.5	213.5	-71.3	23.	0.0015	0.0016	0.0914	259.0	21.2
18698.	54.6	-61.1	214.6	214.6	-71.3	23.	0.0015	0.0016	0.0906	259.0	21.2
18748.	54.1	-61.1	215.7	215.7	-71.3	23.	0.0015	0.0016	0.0898	259.0	21.2
18798.	53.6	-61.1	216.8	216.8	-71.3	23.	0.0015	0.0016	0.0890	259.0	21.2
18848.	53.1	-61.1	217.9	217.9	-71.3	23.	0.0015	0.0016	0.0882	259.0	21.2
18898.	52.6	-61.1	219.0	219.0	-71.3	23.	0.0015	0.0016	0.0874	259.0	21.2
18948.	52.1	-61.1	220.1	220.1	-71.3	23.	0.0015	0.0016	0.0866	259.0	21.2
18998.	51.6	-61.1	221.2	221.2	-71.3	23.	0.0015	0.0016	0.0858	259.0	21.2
19048.	51.1	-61.1	222.3	222.3	-71.3	23.	0.0015	0.0016	0.0850	259.0	21.2
19098.	50.6	-61.1	223.4	223.4	-71.3	23.	0.0015	0.0016	0.0842	259.0	21.2
19148.	50.1	-61.1	224.5	224.5	-71.3	23.	0.0015	0.0016	0.0834	259.0	21.2
19198.	49.6	-61.1	225.6	225.6	-71.3	23.	0.0015	0.0016	0.0826	259.0	21.2
19248.	49.1	-61.1	226.7	226.7	-71.3	23.	0.0015	0.0016	0.0818	259.0	21.2
19298.	48.6	-61.1	227.8	227.8	-71.3	23.	0.0015	0.0016	0.0810	259.0	21.2
19348.	48.1	-61.1	228.9	228.9	-71.3	23.	0.0015	0.0016	0.0802	259.0	21.2
19398.	47.6	-61.1	230.0	230.0	-71.3	23.	0.0015	0.0016	0.0794	259.	

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SOUNDING 30.0
LATITUDE -61.9 LONGITUDE 2.4
DATE 10-30-81 TIME 1132 GMT
NUMBER OF LEVELS 313

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HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RH0W (G/M+3)	RHO (KG/M+3)	DIR (DEG)	SPEED (M/S)
9818.	241.2	-62.9	42.5	42.5	-87.7	2.	0.0001	0.0002	0.3996	210.0	42.5
9864.	233.4	-63.1	42.6	42.6	-87.8	2.	0.0001	0.0002	0.3970	211.0	42.2
9912.	233.5	-63.4	43.1	43.1	-88.1	2.	0.0001	0.0002	0.3944	213.0	41.0
9962.	233.6	-63.8	43.2	43.2	-88.4	2.	0.0001	0.0002	0.3920	212.0	43.1
10009.	233.8	-64.2	43.3	43.3	-88.4	1.	0.0001	0.0001	0.3898	212.0	43.1
10058.	233.9	-64.6	43.4	43.4	-89.0	2.	0.0001	0.0001	0.3874	212.0	37.4
10108.	233.0	-64.7	43.7	43.7	-93.2	1.	0.0001	0.0001	0.3847	213.0	99.9
10162.	228.0	-65.2	44.1	44.1	-93.3	1.	0.0001	0.0001	0.3819	213.0	34.2
10212.	228.1	-65.5	44.7	44.7	-93.3	1.	0.0001	0.0001	0.3789	213.0	32.8
10261.	228.2	-65.5	45.1	45.1	-93.4	1.	0.0001	0.0001	0.3763	213.0	31.6
10310.	228.3	-65.5	45.4	45.4	-93.6	1.	0.0001	0.0001	0.3738	211.0	99.9
10359.	228.3	-66.1	45.6	45.6	-94.0	1.	0.0001	0.0001	0.3693	99.9	99.9
10408.	217.6	-65.9	47.2	47.2	-93.7	1.	0.0001	0.0001	0.3658	99.9	99.9
10457.	216.0	-65.7	48.2	48.2	-93.6	1.	0.0001	0.0001	0.3627	99.9	99.9
10506.	214.3	-65.5	49.3	49.3	-93.4	1.	0.0001	0.0001	0.3595	99.9	99.9
10555.	212.6	-65.4	50.1	50.1	-89.6	2.	0.0001	0.0001	0.3565	99.9	99.9
10604.	211.0	-65.3	51.0	51.0	-89.5	2.	0.0001	0.0001	0.3536	99.9	99.9
10653.	209.3	-65.5	51.9	51.9	-89.5	2.	0.0001	0.0001	0.3506	99.9	99.9
10702.	207.7	-65.6	52.6	52.6	-93.3	1.	0.0001	0.0001	0.3479	99.9	99.9
10751.	206.0	-65.5	53.3	53.3	-93.3	1.	0.0001	0.0001	0.3453	99.9	99.9
10800.	204.3	-65.5	53.8	53.8	-93.3	1.	0.0001	0.0001	0.3426	99.9	99.9
10849.	202.6	-65.5	54.4	54.4	-93.3	1.	0.0001	0.0001	0.3399	99.9	99.9
10898.	200.9	-65.5	55.1	55.1	-93.3	1.	0.0001	0.0001	0.3373	99.9	99.9
10947.	199.2	-65.5	55.7	55.7	-93.6	1.	0.0001	0.0001	0.3346	99.9	99.9
11000.	197.5	-65.5	56.4	56.4	-93.6	1.	0.0001	0.0001	0.3319	99.9	99.9
11053.	195.8	-65.5	57.2	57.2	-93.6	1.	0.0001	0.0001	0.3291	99.9	99.9
11106.	194.1	-65.5	58.0	58.0	-93.6	1.	0.0001	0.0001	0.3266	99.9	99.9
11159.	192.4	-65.5	58.8	58.8	-93.6	1.	0.0001	0.0001	0.3239	99.9	99.9
11212.	190.7	-65.5	59.4	59.4	-93.6	1.	0.0001	0.0001	0.3216	99.9	99.9
11265.	189.0	-65.5	59.9	59.9	-93.7	1.	0.0001	0.0001	0.3192	99.9	99.9
11318.	187.3	-65.5	60.7	60.7	-93.7	1.	0.0001	0.0001	0.3167	99.9	99.9
11371.	185.6	-65.5	61.1	61.1	-93.7	1.	0.0001	0.0001	0.3142	99.9	99.9
11424.	183.9	-65.5	62.2	62.2	-93.7	1.	0.0001	0.0001	0.3116	99.9	99.9
11477.	182.2	-65.5	62.8	62.8	-93.7	1.	0.0001	0.0001	0.3093	99.9	99.9
11530.	180.5	-65.5	63.4	63.4	-93.7	1.	0.0001	0.0001	0.3071	99.9	99.9
11583.	178.8	-65.5	64.1	64.1	-93.7	1.	0.0001	0.0001	0.3049	99.9	99.9
11636.	177.1	-65.5	64.8	64.8	-93.7	1.	0.0001	0.0001	0.3024	99.9	99.9
11689.	175.4	-65.5	65.5	65.5	-93.7	1.	0.0001	0.0001	0.2997	99.9	99.9
11742.	173.7	-65.5	66.2	66.2	-93.7	1.	0.0001	0.0001	0.2973	99.9	99.9
11795.	172.0	-65.5	66.8	66.8	-93.6	1.	0.0001	0.0001	0.2950	99.9	99.9
11848.	170.3	-65.5	67.4	67.4	-93.6	1.	0.0001	0.0001	0.2925	99.9	99.9
11901.	168.6	-65.5	68.0	68.0	-93.6	1.	0.0001	0.0001	0.2902	99.9	99.9
11954.	166.9	-65.5	68.6	68.6	-93.6	1.	0.0001	0.0001	0.2878	99.9	99.9
12007.	165.2	-65.5	69.2	69.2	-93.6	1.	0.0001	0.0001	0.2858	99.9	99.9
12060.	163.5	-65.5	69.8	69.8	-93.6	1.	0.0001	0.0001	0.2834	99.9	99.9
12113.	161.8	-65.5	70.4	70.4	-93.6	1.	0.0001	0.0001	0.2812	99.9	99.9
12166.	160.1	-65.5	71.0	71.0	-93.6	1.	0.0001	0.0001	0.2791	99.9	99.9
12219.	158.4	-65.5	71.6	71.6	-93.6	1.	0.0001	0.0001	0.2765	99.9	99.9
12272.	156.7	-65.5	72.2	72.2	-93.6	1.	0.0001	0.0001	0.2739	99.9	99.9
12325.	155.0	-65.5	72.8	72.8	-93.6	1.	0.0001	0.0001	0.2715	99.9	99.9
12378.	153.3	-65.5	73.4	73.4	-93.6	1.	0.0001	0.0001	0.2688	99.9	99.9
12431.	151.6	-65.5	74.0	74.0	-93.6	1.	0.0001	0.0001	0.2659	99.9	99.9
12484.	149.9	-65.5	74.6	74.6	-93.6	1.	0.0001	0.0001	0.2634	99.9	99.9
12537.	148.2	-65.5	75.2	75.2	-93.6	1.	0.0001	0.0001	0.2615	99.9	99.9
12590.	146.5	-65.5	75.8	75.8	-93.6	1.	0.0001	0.0001	0.2593	99.9	99.9
12643.	144.8	-65.5	76.4	76.4	-93.6	1.	0.0001	0.0001	0.2572	99.9	99.9
12696.	143.1	-65.5	77.0	77.0	-93.6	1.	0.0001	0.0001	0.2551	99.9	99.9
12749.	141.4	-65.5	77.6	77.6	-93.6	1.	0.0001	0.0001	0.2530	99.9	99.9
12802.	139.7	-65.5	78.2	78.2	-93.6	1.	0.0001	0.0001	0.2511	99.9	99.9
12855.	138.0	-65.5	78.8	78.8	-93.6	1.	0.0001	0.0001	0.2492	99.9	99.9
12908.	136.3	-65.5	79.4	79.4	-93.6	1.	0.0001	0.0001	0.2470	99.9	99.9
12961.	134.6	-65.5	80.0	80.0	-93.6	1.	0.0001	0.0001	0.2449	99.9	99.9
13014.	132.9	-65.5	80.6	80.6	-93.6	1.	0.0001	0.0001	0.2428	99.9	99.9
13067.	131.2	-65.5	81.2	81.2	-93.6	1.	0.0001	0.0001	0.2408	99.9	99.9
13120.	129.5	-65.5	81.8	81.8	-93.6	1.	0.0001	0.0001	0.2391	99.9	99.9
13173.	127.8	-65.5	82.4	82.4	-93.6	1.	0.0001	0.0001	0.2375	99.9	99.9
13226.	126.1	-65.5	83.0	83.0	-93.6	1.	0.0001	0.0001	0.2360	99.9	99.9
13279.	124.4	-65.5	83.6	83.6	-93.6	1.	0.0001	0.0001	0.2347	99.9	99.9
13332.	122.7	-65.5	84.2	84.2	-93.6	1.	0.0001	0.0001	0.2337	99.9	99.9
13385.	121.0	-65.5	84.8	84.8	-93.6	1.	0.0001	0.0001	0.2315	99.9	99.9
13438.	119.3	-65.5	85.4	85.4	-93.6	1.	0.0001	0.0001	0.2293	99.9	99.9
13491.	117.6	-65.5	86.0	86.0	-93.6	1.	0.0001	0.0001	0.2274	99.9	99.9
13544.	115.9	-65.5	86.6	86.6	-93.6	1.	0.0001	0.0001	0.2255	99.9	99.9
13597.	114.2	-65.5	87.2	87.2	-93.6	1.	0.0001	0.0001	0.2236	99.9	99.9
13650.	112.5	-65.5	87.8	87.8	-93.6	1.	0.0001	0.0001	0.2220	99.9	99.9
13703.	110.8	-65.5	88.4	88.4	-93.6	1.	0.0001	0.0001	0.2202	99.9	99.9
13756.	109.1	-65.5	89.0	89.0	-93.6	1.	0.0001	0.0001	0.2184	99.9	99.9
13809.	107.4	-65.5	89.6	89.6	-93.6	1.	0.0001	0.0001	0.2164	99.9	99.9
13862.	105.7	-65.5	90.2	90.2	-93.6	1.	0.0001	0.0001	0.2144	99.9	99.9
13915.	104.0	-65.5	90.8	90.8	-93.6	1.	0.0001	0.0001	0.2124	99.9	99.9
13968.	102.3	-65.5	91.4	91.4	-93.6	1.	0.0001	0.0001	0.2105	99.9	99.9
14021.	100.6	-65.5	92.0	92.0	-93.6	1.	0.0001	0.0001	0.2086	99.9	99.9
14074.	98.9	-65.5	92.6	92.6	-93.6	1.	0.0001	0.0001	0.2066	99.9	99.9
14127.	97.2	-65.5	93.2	93.2	-93.6	1.	0.0001	0.0001	0.2046	99.9	99.9
14180.	95.5	-65.5	93.8	93.8	-93.6	1.	0.0001	0.0001	0.2026	99.9	99.9
14233.	93.8	-65.5	94.4	94.4	-93.6	1.	0.0001	0.0001	0.2007	99.9	99.9
14286.	92.1	-65.5	95.0	95.0	-93.6	1.	0.0001	0.0001	0.1987	99.9	99.9
14339.	90.4	-65.5	95.6	95.6	-93.6	1.	0.0001	0.0001	0.1968	99.9	99.9
14392.	88.7	-65.5	96.2	96.2	-93.6	1.	0.0001	0.0001	0.1948	99.9	99.9
14445.	87.0	-65.5	96.8	96.8	-93.6	1.	0.0001	0.0001	0.1929	99.9	99.9
14498.	85.3	-65.5	97.4	97.4	-93.6	1.	0.0001	0.0001	0.1909	99.9	99.9
14551.	83.6	-65.5	98.0	98.0	-93.6	1.	0.0001	0.0001	0.1889	99.9	99.9
14604.	81.9	-65.5	98.6	98.6	-93.6	1.	0.0001	0.0001	0.1869	99.9	99.9
14657.	80.2	-65.5	99.2	99.2	-93.6	1.	0.0001	0.0001	0.1849	99.9	99.9
14710.	78.5	-65.5	99.8	99.8	-93.6	1.	0.0001	0.0001	0.1829	99.9	99.9
14763.	76.8	-65.5	100.4	100.4	-93.6	1.	0.0001	0.0001	0.1809	99.9	99.9
14816.	75.1	-65.5	101.0	101.0	-93.6	1.	0.0001	0.0001	0.1789	99.9	99.9
14869.	73.4	-65.5	101.6	101.6	-93.6	1.	0.0001	0.0001	0.1769	99.9	99.9
14922.	71.7	-65.5	102.2	102.2	-93.6	1.	0.0001	0.0001	0.1749	99.9	99.9
14975.	70.0	-65.5	102.8	102.8	-93.6	1.	0.0001	0.0001	0.1729	99.9	99.9
15028.	68.3	-65.5	103.4	103.4	-93.6	1.	0.0001	0.0001	0.1709	99.9	99.9
15081.	66.6	-65.5	104.0	104.0	-93.6	1.	0.0001	0.0001	0.1689	99.9	99.9
15134.	64.9	-65.5	104.6	104.6	-93.6	1.	0.0001	0.0001	0.1669	99.9	99.9
15187.	63.2	-65.5	105.2	105.2	-9						

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3+RH0W (G/M+3)	RH0 (KG/M+3)	D1R (DEG)	SPEED (M/S)
15315.	97.9	-61.1	138.7	138.7	-90.1	1.	0.00001	0.00001	0.1608	99.9	99.9
15366.	97.1	-61.8	139.8	139.8	-90.1	1.	0.00001	0.00001	0.1594	99.9	99.9
15424.	96.2	-62.9	141.1	141.1	-90.1	1.	0.00001	0.00001	0.1579	99.9	99.9
15476.	95.4	-63.7	142.5	142.5	-90.1	1.	0.00001	0.00001	0.1564	99.9	99.9
15528.	94.6	-64.5	143.9	143.9	-90.1	1.	0.00001	0.00001	0.1550	99.9	99.9
15581.	93.8	-65.3	145.3	145.3	-90.1	1.	0.00001	0.00001	0.1535	99.9	99.9
15634.	93.0	-66.0	146.5	146.5	-90.1	1.	0.00001	0.00001	0.1521	99.9	99.9
15685.	92.1	-66.6	148.1	148.1	-90.1	1.	0.00001	0.00001	0.1505	99.9	99.9
15742.	91.4	-67.8	149.4	149.4	-90.1	1.	0.00001	0.00001	0.1492	99.9	99.9
15797.	90.6	-68.7	150.6	150.6	-90.1	1.	0.00001	0.00001	0.1479	99.9	99.9
15852.	89.4	-69.5	152.3	152.3	-90.1	1.	0.00001	0.00001	0.1464	99.9	99.9
15901.	88.1	-70.2	153.9	153.9	-90.1	1.	0.00001	0.00001	0.1453	99.9	99.9
15950.	87.4	-70.6	155.3	155.3	-90.1	1.	0.00001	0.00001	0.1443	99.9	99.9
16000.	86.7	-71.4	156.8	156.8	-90.1	1.	0.00001	0.00001	0.1433	99.9	99.9
16057.	85.9	-72.4	158.3	158.3	-90.1	1.	0.00001	0.00001	0.1416	99.9	99.9
16115.	85.1	-73.4	159.5	159.5	-90.1	1.	0.00001	0.00001	0.1403	99.9	99.9
16166.	84.4	-74.4	160.5	160.5	-90.1	1.	0.00001	0.00001	0.1392	99.9	99.9
16223.	83.6	-75.4	161.6	161.6	-90.1	1.	0.00001	0.00001	0.1379	99.9	99.9
16277.	83.0	-76.4	162.7	162.7	-90.1	1.	0.00001	0.00001	0.1367	99.9	99.9
16329.	82.2	-77.4	163.8	163.8	-90.1	1.	0.00001	0.00001	0.1355	99.9	99.9
16382.	81.5	-78.4	164.9	164.9	-90.1	1.	0.00001	0.00001	0.1344	99.9	99.9
16443.	81.7	-79.5	165.8	165.8	-90.1	1.	0.00001	0.00001	0.1332	99.9	99.9

SOUNDING 31.0
 LATITUDE -61.9 LONGITUDE 2.4
 DATE 15-30-81 TIME 2335 GMT
 NUMBER OF LEVELS 250

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3+RH0W (G/M+3)	RH0 (KG/M+3)	D1R (DEG)	SPEED (M/S)
C.	981.6	-14.0	-12.6	-12.4	-15.9	64.	1.5288	1.2876	1.3200	10.0	12.0
54.	974.0	-14.1	-12.9	-12.0	-15.9	77.	1.3886	1.1743	1.3110	19.0	11.9
108.	967.1	-14.4	-13.9	-11.8	-17.8	73.	1.2807	1.0867	1.3031	5.0	12.6
162.	960.2	-14.9	-14.9	-11.8	-18.4	72.	1.2263	1.0261	1.2963	2.0	13.2
217.	953.3	-15.0	-15.0	-11.8	-19.0	72.	1.1412	0.9730	1.2893	357.0	13.6
275.	946.6	-15.6	-15.6	-11.8	-19.2	72.	1.1137	0.9558	1.2825	355.0	13.8
331.	939.7	-16.6	-16.6	-10.0	-22.2	76.	1.0474	0.9289	1.2762	353.0	13.8
430.	926.4	-14.3	-7.6	-5.5	-28.2	26.	0.8395	0.7248	1.2608	351.0	13.8
481.	920.5	-13.5	-7.3	-5.3	-28.3	24.	0.4603	0.4071	1.2472	350.0	13.6
529.	914.7	-12.9	-6.2	-6.1	-28.6	22.	0.4571	0.4044	1.2354	348.0	13.5
581.	908.4	-12.6	-5.4	-5.3	-29.7	19.	0.4425	0.3927	1.2248	347.0	13.2
633.	902.2	-12.4	-4.6	-4.6	-31.2	16.	0.3927	0.3496	1.2149	347.0	13.0
687.	895.9	-12.2	-3.9	-3.8	-32.3	14.	0.3667	0.3016	1.2056	346.0	12.7
742.	889.5	-12.0	-3.1	-3.1	-33.6	12.	0.3500	0.2699	1.1963	346.0	12.5
793.	883.3	-11.9	-2.5	-2.5	-35.2	10.	0.2618	0.2364	1.1868	346.0	12.4
844.	877.6	-11.8	-1.8	-1.8	-37.1	8.	0.2281	0.2004	1.1783	346.0	12.0
895.	871.9	-11.7	-1.3	-1.3	-37.1	7.	0.1777	0.1631	1.1699	345.0	11.8
948.	865.9	-11.7	-0.7	-0.7	-37.1	6.	0.1447	0.1317	1.1617	345.0	11.6
1004.	859.5	-11.9	-0.4	-0.3	-41.4	5.	0.1248	0.1029	1.1462	339.0	11.2
1060.	853.2	-12.1	0.0	0.0	-41.6	5.	0.1101	0.1011	1.1387	338.0	11.1
1114.	847.2	-12.2	0.6	0.5	-41.6	5.	0.1081	0.1003	1.1311	337.0	11.2
1164.	841.6	-12.3	0.9	0.4	-43.6	4.	0.1049	0.0802	1.1240	336.0	11.1
1213.	836.2	-12.5	1.2	1.2	-46.2	3.	0.0625	0.0597	1.1176	335.0	11.1
1259.	831.2	-12.7	1.4	1.4	-47.9	3.	0.0819	0.0774	1.1118	333.0	10.9
1310.	825.7	-13.1	1.5	1.5	-48.3	5.	0.0987	0.0927	1.1062	332.0	10.9
1359.	820.3	-13.6	1.5	1.5	-49.8	7.	0.1321	0.1226	1.1011	331.0	10.9
1408.	815.1	-13.9	1.7	1.7	-50.8	8.	0.1468	0.1358	1.0954	331.0	10.9
1456.	809.9	-14.1	2.0	2.0	-53.6	10.	0.1802	0.1654	1.0893	331.0	11.1
1502.	805.0	-14.3	2.2	2.2	-55.5	12.	0.2123	0.1936	1.0836	331.0	11.2
1549.	800.0	-14.5	2.6	2.6	-58.3	14.	0.2532	0.2206	1.0777	331.0	11.4
1592.	794.4	-14.7	3.3	3.3	-62.3	17.	0.2973	0.2589	1.0714	331.0	11.6
1633.	789.1	-15.1	3.3	3.3	-65.5	25.	0.4109	0.3651	1.0648	331.0	11.7
1673.	783.9	-15.3	4.2	4.2	-68.8	34.	0.5486	0.4819	1.0595	331.0	11.6
1713.	778.7	-14.9	4.3	4.3	-73.6	44.	0.7366	0.6394	1.0510	331.0	11.9
1803.	773.6	-14.4	5.3	5.4	-78.5	54.	0.9466	0.8132	1.0423	330.0	12.1
1853.	768.5	-13.7	6.6	6.7	-85.5	64.	1.1961	1.0178	1.0329	331.0	12.2
1906.	763.1	-13.7	7.1	7.3	-88.0	67.	1.2522	1.0634	1.0257	330.0	12.2
1959.	757.8	-13.8	7.6	7.8	-91.0	68.	1.2593	1.0692	1.0189	330.0	12.5
2011.	752.6	-14.1	7.8	8.0	-94.1	69.	1.2432	1.0561	1.0131	329.0	12.5
2063.	747.5	-14.4	8.0	8.2	-98.4	71.	1.2444	1.0571	1.0074	328.0	12.3
2116.	742.3	-14.9	8.2	8.2	-104.4	72.	1.2552	1.0252	1.0023	327.0	12.1
2169.	737.1	-15.3	8.2	8.3	-107.7	73.	1.1776	1.0027	0.9968	327.0	12.1
2222.	732.1	-15.7	8.4	8.6	-108.7	75.	1.1767	1.0019	0.9912	325.0	11.8
2274.	726.9	-15.7	8.9	9.0	-108.8	76.	1.1658	0.9930	0.9846	324.0	11.8
2329.	721.6	-15.0	10.1	10.1	-108.2	76.	1.2259	1.0421	0.9759	322.0	11.6
2384.	716.0	-14.8	11.0	11.0	-117.9	76.	1.2604	1.0701	0.9673	320.0	11.7
2443.	710.8	-14.6	11.7	11.9	-117.7	76.	1.2434	1.0891	0.9595	318.0	11.5
2498.	705.6	-14.0	12.1	12.3	-118.6	75.	1.2552	1.0659	0.9529	317.0	11.4
2550.	700.8	-15.0	12.6	12.8	-118.1	75.	1.2437	1.0565	0.9467	315.0	11.3
2602.	696.0	-15.2	12.9	13.1	-118.1	75.	1.2372	1.0512	0.9410	312.0	11.3
2655.	691.1	-15.4	13.3	13.5	-118.3	76.	1.2145	1.0327	0.9351	310.0	11.3
2712.	685.9	-15.7	13.6	13.8	-118.5	77.	1.1967	1.0182	0.9291	308.0	11.3
2769.	680.7	-15.9	14.0	14.2	-118.7	77.	1.1747	1.0002	0.9228	307.0	11.4
2825.	675.8	-16.1	14.3	14.5	-118.9	77.	1.1530	0.9826	0.9168	305.0	11.4
2877.	671.0	-16.3	14.7	14.9	-119.1	77.	1.1317	0.9652	0.9110	304.0	11.5
2931.	666.2	-16.5	15.1	15.3	-119.3	77.	1.1106	0.9480	0.9053	302.0	11.6
2984.	661.5	-16.8	15.3	15.5	-119.5	77.	1.0891	0.9329	0.8998	300.0	11.6
3038.	657.1	-17.0	15.6	15.8	-119.8	77.	1.0670	0.9064	0.8891	298.0	11.7
3085.	652.6	-17.2	16.0	16.2	-120.1	76.	1.0268	0.8792	0.8635	297.0	11.9
3135.	648.3	-17.4	16.3	16.5	-120.3	75.	1.0077	0.8635	0.8481	296.0	12.0
3184.	644.1	-17.6	16.6	16.8	-120.6	74.	0.9758	0.8373	0.8229	296.0	12.1
3236.	639.6	-17.9	16.9	17.0	-121.1	74.	0.9360	0.8045	0.8045	296.0	12.4
3286.	635.3	-18.2	17.1	17.2	-121.3	74.	0.9098	0.7829	0.8688	295.0	12.4
3339.	630.8	-18.4	17.4	17.6	-121.5	74.	0.8927	0.7688	0.8634	294.0	12.4
3390.	626.5	-18.6	17.8	17.9	-121.7	74.	0.8759	0.7549	0.8581	293.0	12.5
3441.	622.2	-18.9	18.0	18.2	-122.0	74.	0.8513	0.7345	0.8532	293.0	12.7
3492.	618.0	-19.1	18.3	18.5	-122.2	74.	0.8352	0.7212	0.8481	292.0	12.7
3541.	613.9	-19.3	18.7	18.8	-122.5	73.	0.8194	0.6990	0.8432	291.0	12.9
3589.	610.0	-19.5	18.8	19.0	-122.8	73.	0.7935	0.6800	0.8388	291.0	13.2
3638.	605.8	-19.9	19.2	19.3	-123.1	73.	0.7633	0.6615	0.8340	291.0	13.4
3693.	601.3	-20.1	19.5	19.6	-123.5	72.	0.7385	0.6409	0.8284	290.0	13.4
3753.	596.6	-20.4	19.8	19.9	-123.9	71.	0.7075	0.6151	0.8229	290.0	13.5
3810.	592.0	-20.7	20.1	20.2	-124.2	71.	0.6873	0.5983	0.8175	290.0	13.6
3866.	587.5	-21.1	20.3	20.4	-124.6	71.	0.6613	0.5765	0.8126	290.0	13.7
3923.	583.0	-21.5	20.4	20.5	-125.1	70.	0.6272	0.5479	0.8076	289.0	13.8

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RH0W (G/M+3)	RH0 (KG/M+3)	D1R (DEG)	SPEED (M/S)
3380.	574.5	-21.6	0.0	2.7	-25.7	49.	0.5946	0.5206	0.6026	289.0	11.5
4036.	574.1	-21.6	0.0	2.7	-25.7	49.	0.5946	0.5206	0.6026	289.0	11.5
4036.	565.5	-22.7	1.1	1.1	-26.6	68.	0.5416	0.4762	0.7929	268.0	14.0
4145.	565.7	-22.7	1.1	1.1	-26.6	68.	0.5416	0.4762	0.7929	268.0	14.0
4198.	561.5	-22.7	1.1	1.1	-26.6	68.	0.5134	0.4521	0.7884	268.0	14.1
4252.	557.5	-22.7	1.1	1.1	-26.6	68.	0.4844	0.4257	0.7843	268.0	14.1
4306.	553.3	-24.4	1.1	1.1	-28.1	64.	0.4592	0.4011	0.7798	268.0	14.1
4360.	548.2	-24.4	1.1	1.1	-28.1	64.	0.4355	0.3861	0.7744	268.0	14.2
4414.	544.1	-24.4	1.1	1.1	-28.1	64.	0.4161	0.3695	0.7701	268.0	14.1
4470.	540.9	-25.5	1.1	1.1	-29.0	63.	0.3959	0.3522	0.7659	268.0	14.2
4525.	536.5	-25.5	1.1	1.1	-29.0	63.	0.3803	0.3389	0.7612	268.0	14.2
4579.	532.2	-26.6	1.1	1.1	-30.8	63.	0.3653	0.3261	0.7566	268.0	14.2
4634.	528.7	-26.6	1.1	1.1	-30.8	63.	0.3509	0.3137	0.7522	268.0	14.3
4687.	524.8	-27.7	1.1	1.1	-31.7	62.	0.3370	0.3018	0.7476	268.0	14.2
4741.	521.1	-27.7	1.1	1.1	-31.7	62.	0.3185	0.2858	0.7434	268.0	14.3
4793.	517.2	-27.7	1.1	1.1	-31.7	61.	0.3057	0.2749	0.7391	268.0	14.4
4845.	513.7	-28.8	1.1	1.1	-33.5	60.	0.2917	0.2627	0.7346	268.0	14.4
4898.	509.9	-28.8	1.1	1.1	-33.5	59.	0.2754	0.2486	0.7307	268.0	14.5
4944.	506.6	-29.9	1.1	1.1	-35.3	58.	0.2547	0.2306	0.7222	268.0	14.7
5051.	498.7	-29.9	1.1	1.1	-35.3	57.	0.2474	0.2246	0.7171	268.0	14.7
5104.	495.5	-29.9	1.1	1.1	-35.3	57.	0.2361	0.2144	0.7126	268.0	14.9
5156.	491.6	-31.1	1.1	1.1	-37.2	57.	0.2242	0.2039	0.7088	268.0	15.0
5208.	488.5	-31.1	1.1	1.1	-37.2	57.	0.2188	0.1993	0.7048	268.0	15.1
5257.	484.1	-31.1	1.1	1.1	-37.2	57.	0.2188	0.1883	0.7009	268.0	15.1
5307.	477.7	-31.1	1.1	1.1	-37.2	57.	0.1957	0.1702	0.6973	268.0	15.2
5355.	474.7	-31.1	1.1	1.1	-37.2	57.	0.1857	0.1634	0.6939	268.0	15.3
5409.	470.9	-31.1	1.1	1.1	-37.2	57.	0.1780	0.1579	0.6901	268.0	15.4
5460.	467.0	-31.1	1.1	1.1	-37.2	57.	0.1716	0.1534	0.6865	268.0	15.4
5509.	463.4	-31.1	1.1	1.1	-37.2	57.	0.1618	0.1446	0.6827	268.0	15.4
5560.	460.0	-31.1	1.1	1.1	-37.2	57.	0.1475	0.1364	0.6749	268.0	15.3
5610.	456.7	-31.1	1.1	1.1	-37.2	57.	0.1388	0.1286	0.6712	268.0	15.2
5660.	453.4	-31.1	1.1	1.1	-37.2	57.	0.1299	0.1234	0.6675	268.0	15.2
5711.	450.1	-31.1	1.1	1.1	-37.2	57.	0.1250	0.1163	0.6638	268.0	15.1
5766.	446.8	-31.1	1.1	1.1	-37.2	57.	0.1162	0.1084	0.6605	268.0	15.0
5811.	444.7	-31.1	1.1	1.1	-37.2	57.	0.1113	0.1040	0.6568	268.0	15.0
5861.	441.3	-31.1	1.1	1.1	-37.2	57.	0.1080	0.1010	0.6524	268.0	14.9
5913.	438.8	-31.1	1.1	1.1	-37.2	57.	0.1025	0.0961	0.6483	268.0	14.7
5960.	434.1	-31.1	1.1	1.1	-37.2	57.	0.0970	0.0911	0.6453	268.0	14.6
6014.	430.9	-31.1	1.1	1.1	-37.2	57.	0.0926	0.0874	0.6414	268.0	14.5
6063.	427.7	-31.1	1.1	1.1	-37.2	57.	0.0871	0.0821	0.6379	268.0	14.4
6112.	424.6	-31.1	1.1	1.1	-37.2	57.	0.0818	0.0767	0.6344	268.0	14.3
6164.	422.2	-31.1	1.1	1.1	-37.2	57.	0.0769	0.0719	0.6307	268.0	14.2
6213.	419.8	-31.1	1.1	1.1	-37.2	57.	0.0711	0.0669	0.6270	268.0	14.2
6265.	416.5	-31.1	1.1	1.1	-37.2	57.	0.0673	0.0623	0.6234	268.0	14.2
6316.	413.2	-31.1	1.1	1.1	-37.2	57.	0.0613	0.0563	0.6195	268.0	14.2
6365.	410.2	-31.1	1.1	1.1	-37.2	57.	0.0582	0.0532	0.6156	268.0	14.2
6415.	407.3	-31.1	1.1	1.1	-37.2	57.	0.0554	0.0504	0.6116	268.0	14.3
6463.	404.4	-31.1	1.1	1.1	-37.2	57.	0.0519	0.0469	0.6081	268.0	14.3
6514.	401.3	-31.1	1.1	1.1	-37.2	57.	0.0496	0.0446	0.6044	268.0	14.5
6565.	398.8	-31.1	1.1	1.1	-37.2	57.	0.0466	0.0416	0.6009	268.0	14.6
6612.	395.5	-31.1	1.1	1.1	-37.2	57.	0.0437	0.0387	0.5980	268.0	14.7
6663.	392.4	-31.1	1.1	1.1	-37.2	57.	0.0408	0.0358	0.5948	268.0	14.7
6717.	389.7	-31.1	1.1	1.1	-37.2	57.	0.0381	0.0331	0.5912	268.0	14.8
6765.	387.1	-31.1	1.1	1.1	-37.2	57.	0.0356	0.0306	0.5882	268.0	14.9
6815.	384.5	-31.1	1.1	1.1	-37.2	57.	0.0331	0.0281	0.5848	268.0	15.0
6866.	382.0	-31.1	1.1	1.1	-37.2	57.	0.0306	0.0256	0.5815	268.0	15.1
6919.	379.7	-31.1	1.1	1.1	-37.2	57.	0.0281	0.0231	0.5779	268.0	15.3
6974.	377.4	-31.1	1.1	1.1	-37.2	57.	0.0256	0.0206	0.5742	268.0	15.4
7025.	374.8	-31.1	1.1	1.1	-37.2	57.	0.0231	0.0181	0.5708	268.0	15.4
7077.	372.1	-31.1	1.1	1.1	-37.2	57.	0.0206	0.0156	0.5674	268.0	15.5
7127.	369.9	-31.1	1.1	1.1	-37.2	57.	0.0181	0.0131	0.5641	268.0	15.4
7178.	366.6	-31.1	1.1	1.1	-37.2	57.	0.0156	0.0106	0.5610	268.0	15.2
7227.	363.6	-31.1	1.1	1.1	-37.2	57.	0.0131	0.0081	0.5581	268.0	15.2
7277.	360.9	-31.1	1.1	1.1	-37.2	57.	0.0106	0.0056	0.5552	268.0	15.1
7328.	358.1	-31.1	1.1	1.1	-37.2	57.	0.0081	0.0031	0.5527	268.0	15.2
7384.	355.5	-31.1	1.1	1.1	-37.2	57.	0.0056	0.0006	0.5498	268.0	15.2
7438.	352.2	-31.1	1.1	1.1	-37.2	57.	0.0031	0.0001	0.5468	268.0	15.2
7492.	349.4	-31.1	1.1	1.1	-37.2	57.	0.0006	0.0000	0.5436	268.0	15.2
7544.	346.9	-31.1	1.1	1.1	-37.2	57.	0.0001	0.0000	0.5400	268.0	15.3
7594.	344.3	-31.1	1.1	1.1	-37.2	57.	0.0000	0.0000	0.5369	268.0	15.3
7642.	341.4	-31.1	1.1	1.1	-37.2	57.	0.0000	0.0000	0.5330	268.0	15.3
7686.	339.1	-31.1	1.1	1.1	-37.2	57.	0.0000	0.0000	0.5303	268.0	15.4
7734.	336.6	-31.1	1.1	1.1	-37.2	57.	0.0000	0.0000	0.5274	268.0	15.6
7784.	334.0	-31.1	1.1	1.1	-37.2	57.	0.0000	0.0000	0.5241	268.0	15.7
7835.	331.4	-31.1	1.1	1.1	-37.2	57.	0.0000	0.0000	0.5211	268.0	15.8
7884.	328.9	-31.1	1.1	1.1	-37.2	57.	0.0000	0.0000	0.5179	268.0	16.0
7935.	326.3	-31.1	1.1	1.1	-37.2	57.	0.0000	0.0000	0.5142	268.0	16.2
7985.	323.8	-31.1	1.1	1.1	-37.2	57.	0.0000	0.0000	0.5112	268.0	16.4
8033.	321.4	-31.1	1.1	1.1	-37.2	57.	0.0000	0.0000	0.5088	268.0	16.7
8081.	319.0	-31.1	1.1	1.1	-37.2	57.	0.0000	0.0000	0.5062	268.0	17.0
8131.	316.5	-31.1	1.1	1.1	-37.2	57.	0.0000	0.0000	0.5031	268.0	17.4
8182.	314.0	-31.1	1.1	1.1	-37.2	57.	0.0000	0.0000	0.5003	268.0	17.7
8235.	311.4	-31.1	1.1	1.1	-37.2	57.	0.0000	0.0000	0.4973	268.0	18.0
8289.	308.8	-31.1	1.1	1.1	-37.2	57.	0.0000	0.0000	0.4943	268.0	18.4
8340.	306.3	-31.1	1.1	1.1	-37.2	57.	0.0000	0.0000	0.4914	268.0	18.6
8390.	303.9	-31.1	1.1	1.1	-37.2	57.	0.0000	0.0000	0.4884	268.0	18.9
8444.	301.3	-31.1	1.1	1.1	-37.2	57.	0.0000	0.0000	0.4851	268.0	19.1
8497.	298.8	-31.1	1.1	1.1	-37.2	57.	0.0000	0.0000	0.4820	268.0	19.3
8552.	296.2	-31.1	1.1	1.1	-37.2	57.	0.0000	0.0000	0.4787	268.0	19.4
8603.	293.8	-31.1	1.1	1.1	-37.2	57.	0.0000	0.0000	0.4755	268.0	19.6
8657.	291.3	-31.1	1.1	1.1	-37.2	57.	0.0000	0.0000	0.4719	268.0	19.7
8709.	288.8	-31.1	1.1	1.1	-37.2	57.	0.0000	0.0000	0.4689	268.0	19.7
8761.	286.6	-31.1	1.1	1.1	-37.2	57.	0.0000	0.0000	0.4661	268.0	19.8
8816.	284.0	-31.1	1.1	1.1	-37.2	57.	0.0000	0.0000	0.4631	268.0	19.8
8869.	281.6	-31.1	1.1	1.1	-37.2	57.	0.0000	0.0000	0.4600	268.0	19.7
8920.	279.3	-31.1	1.1	1.1	-37.2	57.	0.0000	0.0000	0.4571	268.0	19.7
8972.	277.0	-31.1	1.1	1.1	-37.2	57.	0.0000	0.0000	0.4544	268.0	19.6
9021.	274.8	-31.1	1.1	1.1	-37.2	57.	0.0000	0.0000	0.4519	268.0	19.6
9071.	272.6	-31.1	1.1	1.1	-37.2	57.	0.0000	0.0000	0.4493	268.0	19.5
9121.	270.4	-31.1	1.1	1.1	-37.2	57.	0.0000	0.0000	0.4465	268.0	19.5
9173.	268.1	-31.1	1.1	1.1	-37.2	57.	0.0000	0.0000	0.4436	268.0	19.6
9226.	265.8	-31.1	1.1	1.1	-37.2	57.	0.0000	0.0000	0.4408	268.0	19.6
9277.	263.6	-31.1	1.1	1.1	-37.2	57.	0.0000	0.0000	0.4380	268.0	19.8
9331.	261.3	-31.1	1.1	1.1	-37.2	57.	0.0000	0.0000	0.4352	268.0	20.0
9385.	259.9	-31.1	1.1								

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3-RH0W (G/M+3)	RHO (KG/M+3)	DIR (DEG)	SPEED (M/S)
9610.	244.6	-66.4	34.2	34.2	-76.4	22.	0.00210	0.0011	0.4206	268.0	21.9
9664.	247.2	-66.4	34.3	34.3	-76.9	22.	0.00009	0.0010	0.4175	267.0	22.3
9727.	249.8	-67.4	34.4	34.4	-77.3	22.	0.00008	0.0009	0.4145	267.0	22.9
9791.	242.2	-68.0	34.4	34.4	-78.1	21.	0.00007	0.0008	0.4113	267.0	23.3
9853.	233.7	-68.6	34.4	34.4	-79.0	20.	0.00006	0.0007	0.4082	268.0	23.8
9910.	237.1	-69.2	34.5	34.5	-79.5	20.	0.00006	0.0007	0.4050	267.0	24.2
9961.	234.6	-69.7	34.7	34.7	-80.0	20.	0.00005	0.0006	0.4017	267.0	24.7
10045.	232.1	-70.1	35.0	35.0	-80.3	20.	0.00005	0.0006	0.3982	267.0	25.0
10106.	229.6	-70.6	35.2	35.2	-81.1	19.	0.00004	0.0005	0.3949	266.0	25.0
10176.	227.0	-71.2	35.3	35.3	-81.6	19.	0.00004	0.0005	0.3916	267.0	25.2
10242.	224.5	-71.7	35.5	35.5	-82.1	19.	0.00003	0.0004	0.3882	266.0	25.3
10309.	222.1	-72.2	35.7	35.7	-82.9	18.	0.00003	0.0004	0.3850	267.0	25.4
10369.	219.7	-72.8	36.0	36.0	-83.4	18.	0.00003	0.0003	0.3820	268.0	25.2
10436.	217.2	-73.1	36.3	36.3	-83.7	18.	0.00003	0.0003	0.3782	267.0	24.9
10501.	214.8	-73.4	36.8	36.8	-84.3	17.	0.00003	0.0003	0.3746	266.0	24.6
10566.	212.4	-73.7	37.3	37.3	-84.5	17.	0.00003	0.0003	0.3710	266.0	24.2
10632.	210.0	-73.9	38.0	38.0	-84.7	17.	0.00002	0.0003	0.3672	265.0	23.9
10699.	207.6	-74.1	38.7	38.7	-84.9	17.	0.00003	0.0003	0.3633	265.0	23.7
10767.	205.2	-74.7	40.4	40.4	-84.2	18.	0.00003	0.0003	0.3584	264.0	23.2
10833.	202.8	-73.3	42.0	42.0	-84.2	17.	0.00003	0.0003	0.3537	264.0	22.9
10902.	200.5	-72.8	43.9	43.9	-83.7	17.	0.00003	0.0003	0.3486	263.0	22.6
10967.	198.3	-72.3	45.7	45.7	-82.9	18.	0.00003	0.0004	0.3433	263.0	22.5
11033.	196.1	-72.4	46.5	46.5	-83.0	18.	0.00003	0.0004	0.3403	263.0	22.4
11096.	194.0	-72.4	47.5	47.5	-83.4	17.	0.00003	0.0004	0.3366	263.0	22.1
11157.	192.0	-72.4	48.3	48.3	-83.5	17.	0.00003	0.0004	0.3329	261.0	21.9
11218.	190.0	-72.5	50.3	50.3	-83.5	17.	0.00003	0.0003	0.3264	261.0	21.9
11280.	188.0	-72.5	51.2	51.2	-83.5	17.	0.00003	0.0003	0.3229	260.0	21.9
11343.	186.0	-72.3	52.5	52.5	-83.3	17.	0.00003	0.0004	0.3195	260.0	21.9
11400.	184.2	-72.3	53.4	53.4	-83.3	17.	0.00003	0.0004	0.3164	259.0	21.9
11457.	182.4	-72.0	54.8	54.8	-83.0	17.	0.00003	0.0004	0.3128	259.0	21.9
11516.	180.6	-71.7	56.1	56.1	-82.7	17.	0.00003	0.0004	0.3097	258.0	21.8
11565.	179.1	-71.5	57.3	57.3	-82.6	17.	0.00004	0.0004	0.3066	257.0	21.8
11618.	177.5	-71.4	58.2	58.2	-82.5	17.	0.00004	0.0004	0.3039	257.0	21.8
11668.	176.0	-71.3	59.2	59.2	-82.4	17.	0.00004	0.0004	0.3012	257.0	21.9
11717.	174.5	-71.0	60.5	60.5	-82.1	17.	0.00004	0.0004	0.2981	256.0	21.9
11764.	173.0	-70.8	61.6	61.6	-81.9	17.	0.00004	0.0004	0.2954	255.0	21.8
11817.	171.6	-70.4	62.7	62.7	-81.8	17.	0.00004	0.0005	0.2927	255.0	21.8
11866.	170.2	-70.1	63.3	63.3	-81.7	16.	0.00004	0.0005	0.2900	254.0	21.8
11915.	168.8	-69.8	64.0	64.0	-81.4	16.	0.00004	0.0005	0.2872	254.0	21.6
11968.	167.3	-69.6	64.7	64.7	-81.4	16.	0.00004	0.0005	0.2846	253.0	21.4
12017.	165.9	-69.4	65.1	65.1	-81.9	15.	0.00004	0.0005	0.2818	253.0	21.3
12068.	164.5	-69.2	65.6	65.6	-81.9	15.	0.00004	0.0005	0.2796	253.0	21.2
12115.	163.2	-69.0	66.7	66.7	-81.9	15.	0.00004	0.0005	0.2775	253.0	21.1
12163.	161.9	-68.7	67.4	67.4	-81.9	15.	0.00004	0.0005	0.2749	253.0	21.1
12218.	160.4	-68.4	68.1	68.1	-81.9	15.	0.00004	0.0005	0.2723	253.0	21.1
12274.	158.9	-68.0	69.6	69.6	-81.9	15.	0.00004	0.0005	0.2701	253.0	21.0
12326.	157.5	-67.6	70.6	70.6	-82.1	15.	0.00004	0.0004	0.2678	254.0	21.0
12383.	156.0	-67.2	71.3	71.3	-82.2	15.	0.00004	0.0004	0.2655	254.0	21.0
12436.	154.6	-66.8	72.4	72.4	-82.2	15.	0.00004	0.0004	0.2633	255.0	21.0
12487.	153.3	-66.3	73.4	73.4	-82.6	14.	0.00004	0.0004	0.2610	255.0	21.0
12537.	152.0	-65.9	74.3	74.3	-82.6	14.	0.00004	0.0004	0.2587	255.0	21.0
12586.	150.7	-65.4	75.3	75.3	-82.6	14.	0.00004	0.0004	0.2567	255.0	21.0
12635.	149.5	-65.0	76.7	76.7	-82.6	14.	0.00004	0.0004	0.2547	255.0	21.0
12683.	148.3	-64.6	77.6	77.6	-82.6	14.	0.00004	0.0004	0.2527	255.0	21.0
12727.	147.2	-64.2	78.5	78.5	-82.6	14.	0.00004	0.0004	0.2506	255.0	21.0
12770.	146.0	-63.8	79.1	79.1	-81.1	13.	0.00003	0.0004	0.2488	255.0	21.0
12821.	144.8	-63.4	80.4	80.4	-81.1	13.	0.00003	0.0004	0.2466	255.0	21.0
12862.	143.9	-63.0	81.1	81.1	-81.5	14.	0.00003	0.0005	0.2442	255.0	21.0
12906.	142.8	-62.6	82.1	82.1	-81.5	14.	0.00003	0.0005	0.2420	255.0	21.0
12949.	141.6	-62.2	83.5	83.5	-81.2	14.	0.00003	0.0005	0.2397	255.0	21.0
12996.	140.7	-61.8	84.4	84.4	-81.0	14.	0.00003	0.0005	0.2373	255.0	21.0
13047.	139.5	-61.4	85.2	85.2	-81.0	14.	0.00003	0.0005	0.2355	255.0	21.0
13095.	138.4	-61.0	87.7	87.7	-81.0	13.	0.00004	0.0005	0.2337	255.0	21.0
13142.	137.3	-60.6	88.6	88.6	-81.0	13.	0.00004	0.0005	0.2322	255.0	21.0
13190.	136.2	-60.2	89.6	89.6	-81.0	13.	0.00004	0.0005	0.2322	255.0	21.0

SOUNDING 32.3
 LATITUDE -62.1 LONGITUDE 2.4
 DATE 19-31-61 TIME 11:51 GMT
 NUMBER OF LEVELS 367

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3-RH0W (G/M+3)	RHO (KG/M+3)	DIR (DEG)	SPEED (M/S)
0.	964.7	-2.7	0.1	0.6	-4.2	68.	4.3147	3.4763	1.2461	40.0	8.0
49.	958.8	-2.3	0.0	0.4	-3.1	100.	4.6612	3.7429	1.2415	40.0	7.9
102.	952.3	-3.6	0.0	0.7	-3.6	100.	4.5445	3.6531	1.2344	37.0	6.8
157.	945.7	-1.3	0.0	1.0	-3.8	100.	4.4681	3.5944	1.2267	24.0	5.6
217.	939.7	-0.9	0.0	1.4	-3.9	100.	4.4362	3.5653	1.2194	15.0	5.6
270.	933.5	-4.1	1.2	1.7	-4.1	100.	4.3556	3.5078	1.2122	5.0	5.3
315.	927.0	-4.3	1.4	1.6	-4.5	100.	4.2004	3.3954	1.2054	355.0	5.0
366.	920.9	-4.3	1.5	1.5	-4.9	100.	4.0685	3.2863	1.1992	345.0	4.7
415.	915.2	-5.2	1.7	2.3	-5.0	100.	3.9463	3.2066	1.1931	338.0	4.7
466.	909.3	-5.3	1.7	2.3	-5.0	100.	3.8646	3.1286	1.1866	327.0	4.6
518.	903.2	-5.6	1.8	2.6	-5.0	100.	3.8314	3.1029	1.1713	324.0	4.5
571.	897.0	-5.4	2.1	3.3	-5.0	100.	3.7337	3.0272	1.1644	322.0	4.5
625.	891.0	-6.3	3.2	3.6	-5.0	100.	3.6771	2.9280	1.1583	320.0	4.5
678.	885.0	-6.6	3.4	3.6	-5.0	100.	3.5147	2.8571	1.1516	320.0	4.4
731.	879.3	-6.6	3.7	4.4	-5.0	100.	3.4255	2.7869	1.1454	317.0	4.3
782.	873.7	-7.1	4.0	4.4	-7.1	100.	3.3655	2.7400	1.1381	315.0	4.1
837.	868.1	-7.5	4.1	4.4	-7.1	100.	3.2853	2.6511	1.1315	315.0	4.1
893.	862.5	-7.8	4.4	4.4	-7.8	100.	3.1663	2.5855	1.1241	313.0	4.1
953.	857.0	-8.0	4.4	4.4	-7.8	100.	3.0874	2.5034	1.1169	309.0	3.9
1014.	851.6	-8.0	4.4	4.4	-7.8	100.	3.0085	2.4178	1.1101	305.0	3.9
1075.	846.2	-8.1	5.1	5.1	-7.8	100.	2.9296	2.3574	1.1029	307.0	3.9
1136.	840.8	-8.1	5.1	5.1	-7.8	100.	2.8507	2.3179	1.0955	305.0	3.9
1197.	835.4	-8.1	5.1	5.1	-7.8	100.	2.7718	2.2500	1.0881	305.0	3.9
1258.	830.0	-8.1	5.1	5.1	-7.8	100.	2.6929	2.2031	1.0808	297.0	3.4
1319.	824.6	-8.1	5.1	5.1	-7.8	100.	2.6140	2.1477	1.0736	294.0	3.4
1380.	819.2	-8.1	5.1	5.1	-7.8	100.	2.5351	2.0735	1.0666	293.0	3.3
1441.	813.8	-8.1	5.1	5.1	-7.8	100.	2.4562	2.0015	1.0599	293.0	3.2
1502.	808.4	-8.1	5.1	5.1	-7.8	100.	2.3773	1.9317	1.0525	292.0	3.4
1563.	803.0	-8.1	5.1	5.1	-7.8	100.	2.2984	1.8827	1.0450	291.0	3.4
1624.	797.6	-8.1	5.1	5.1	-7.8	100.	2.2195	1.8199	1.0394	289.0	3.5
1685.	792.2	-8.1	5.1	5.1	-7.8	100.	2.1406	1.7726	1.0332	289.0	3.5
1746.	786.8	-8.1	5.1	5.1	-7.8	100.	2.0617	1.7259	1.0262	290.0	3.6

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E*3-RH0W (G/M*3)	RH0 (KG/M*3)	DIR (DEG)	SPEED (KTS)
1833.	762.0	-12.0	8.4	9.2	-12.4	98.	2.0988	1.7442	1.1190	203.0	3.0
1890.	756.3	-12.5	8.4	9.7	-12.6	97.	2.0586	1.7122	1.1117	203.0	3.0
1949.	750.5	-12.9	9.4	10.1	-12.8	97.	2.0217	1.6828	1.1047	203.0	3.0
2005.	745.0	-12.9	9.4	10.2	-13.2	97.	1.9497	1.6253	1.0989	203.0	3.0
2063.	739.4	-13.5	10.2	10.5	-13.6	96.	1.8776	1.5678	1.0924	203.0	3.0
2116.	734.2	-13.5	10.5	10.7	-14.1	95.	1.8075	1.5122	1.0866	203.0	3.0
2169.	729.1	-13.5	10.5	11.1	-14.4	94.	1.7365	1.4708	1.0804	203.0	3.0
2226.	723.7	-13.5	11.1	11.4	-14.7	93.	1.7054	1.4305	1.0739	203.0	3.0
2282.	718.3	-14.2	11.5	11.7	-15.2	93.	1.6345	1.3933	1.0677	203.0	3.0
2339.	713.0	-14.4	11.8	12.1	-15.3	92.	1.6123	1.3549	1.0613	203.0	3.0
2394.	707.8	-14.5	12.3	12.6	-15.6	90.	1.5626	1.3150	1.0546	203.0	3.0
2449.	702.7	-14.9	12.0	12.7	-16.2	89.	1.4895	1.2559	1.0491	203.0	3.0
2507.	697.3	-15.2	13.0	13.0	-16.5	89.	1.4488	1.2230	1.0429	203.0	3.0
2569.	691.6	-15.6	13.0	13.2	-16.9	89.	1.3961	1.1807	1.0366	203.0	3.0
2619.	687.0	-16.0	13.1	13.3	-17.1	89.	1.3603	1.1513	1.0318	203.0	3.0
2672.	682.2	-16.3	13.3	13.6	-17.5	89.	1.3082	1.1089	1.0264	203.0	3.0
2726.	677.3	-16.7	13.5	13.7	-18.1	88.	1.2460	1.0584	1.0211	203.0	3.0
2784.	672.1	-17.1	13.7	13.9	-18.6	87.	1.1861	1.0094	1.0154	203.0	3.0
2842.	666.9	-17.6	13.7	13.9	-19.1	87.	1.1321	0.9654	1.0101	203.0	3.0
2895.	661.9	-18.1	14.1	14.1	-19.6	86.	1.0776	0.9209	1.0046	203.0	3.0
2950.	656.9	-18.6	14.1	14.3	-20.1	86.	1.0376	0.8881	1.0000	203.0	3.0
3007.	652.3	-18.8	14.2	14.4	-20.5	85.	0.9983	0.8467	0.9942	203.0	3.0
3064.	647.3	-19.2	14.4	14.6	-20.9	85.	0.9504	0.8164	0.9888	203.0	3.0
3122.	642.3	-19.6	14.6	14.7	-21.3	85.	0.9148	0.7870	0.9833	203.0	3.0
3178.	637.4	-20.0	14.8	14.6	-21.8	84.	0.8730	0.7500	0.9779	203.0	3.0
3234.	632.6	-20.4	14.9	15.1	-22.3	83.	0.8272	0.7146	0.9726	203.0	3.0
3289.	627.9	-20.9	15.0	15.1	-23.1	81.	0.7693	0.6665	0.9678	203.0	3.0
3348.	622.9	-21.4	15.0	15.2	-23.7	80.	0.7239	0.6287	0.9626	203.0	3.0
3405.	618.1	-21.8	15.2	15.3	-24.1	80.	0.6962	0.6057	0.9573	203.0	3.0
3462.	613.3	-22.2	15.4	15.5	-24.3	81.	0.6780	0.5904	0.9520	203.0	3.0
3518.	608.2	-22.6	15.6	15.7	-24.6	82.	0.6600	0.5754	0.9469	203.0	3.0
3584.	603.5	-23.1	15.7	15.9	-25.0	83.	0.6436	0.5553	0.9409	203.0	3.0
3649.	597.9	-23.4	16.1	16.2	-25.3	83.	0.6176	0.5398	0.9345	203.0	3.0
3709.	593.0	-23.7	16.5	16.5	-25.5	84.	0.6007	0.5267	0.9281	203.0	3.0
3768.	588.2	-23.9	17.0	17.0	-25.5	85.	0.6019	0.5267	0.9281	203.0	3.0
3825.	583.6	-24.3	17.4	17.3	-25.4	87.	0.6130	0.5335	0.9165	203.0	3.0
3881.	579.1	-24.7	17.7	17.8	-25.7	87.	0.5921	0.5185	0.9112	203.0	3.0
3939.	574.5	-24.7	17.9	18.2	-26.2	86.	0.5674	0.4935	0.9060	203.0	3.0
3997.	570.0	-25.1	16.1	18.2	-27.0	83.	0.5216	0.4590	0.9010	203.0	3.0
4055.	565.8	-25.5	18.2	18.3	-27.6	81.	0.4890	0.4315	0.8963	203.0	3.0
4105.	561.5	-25.8	18.6	18.6	-28.1	79.	0.4628	0.4093	0.8912	203.0	3.0
4165.	556.6	-26.1	18.9	18.7	-28.5	78.	0.4433	0.3927	0.8857	203.0	3.0
4221.	552.6	-26.4	19.2	19.2	-29.0	77.	0.4246	0.3768	0.8805	203.0	3.0
4278.	548.3	-26.7	19.5	19.7	-29.3	76.	0.4118	0.3659	0.8753	203.0	3.0
4345.	543.8	-27.2	19.9	19.9	-29.9	76.	0.3884	0.3442	0.8701	203.0	3.0
4401.	539.3	-27.7	20.0	20.1	-30.3	75.	0.3710	0.3311	0.8649	203.0	3.0
4462.	533.4	-28.0	20.0	20.1	-31.3	75.	0.3515	0.3140	0.8597	203.0	3.0
4518.	530.2	-28.5	20.1	20.0	-31.4	74.	0.3324	0.2953	0.8545	203.0	3.0
4570.	526.4	-28.8	20.2	20.5	-32.0	72.	0.3076	0.2764	0.8511	203.0	3.0
4624.	522.4	-29.3	20.4	20.5	-32.7	70.	0.2870	0.2586	0.8466	203.0	3.0
4683.	518.1	-29.8	20.5	20.5	-33.3	69.	0.2686	0.2426	0.8419	203.0	3.0
4742.	513.8	-30.3	20.6	20.7	-33.6	69.	0.2555	0.2304	0.8373	203.0	3.0
4802.	509.5	-30.8	20.7	20.7	-34.4	68.	0.2353	0.2164	0.8326	203.0	3.0
4865.	505.0	-31.1	20.7	20.9	-34.9	68.	0.2284	0.2058	0.8276	203.0	3.0
4926.	500.6	-31.4	21.1	21.1	-35.4	68.	0.2147	0.1956	0.8228	203.0	3.0
4984.	496.3	-31.7	21.1	21.1	-35.8	68.	0.2034	0.1854	0.8183	203.0	3.0
5041.	492.4	-32.1	21.1	21.1	-36.5	67.	0.1845	0.1760	0.8137	203.0	3.0
5097.	488.6	-32.5	21.1	21.1	-37.3	66.	0.1652	0.1666	0.8091	203.0	3.0
5155.	484.6	-33.1	21.1	21.1	-37.8	66.	0.1458	0.1599	0.8045	203.0	3.0
5216.	480.4	-33.4	21.1	21.1	-37.8	66.	0.1441	0.1517	0.8000	203.0	3.0
5278.	476.1	-33.6	21.1	21.1	-38.4	66.	0.1545	0.1426	0.7954	203.0	3.0
5337.	472.1	-33.8	21.1	21.1	-39.0	63.	0.1441	0.1334	0.7910	203.0	3.0
5395.	468.1	-34.0	21.1	21.1	-39.6	63.	0.1377	0.1267	0.7867	203.0	3.0
5447.	464.7	-34.3	21.1	21.1	-40.1	61.	0.1267	0.1173	0.7823	203.0	3.0
5504.	460.0	-34.6	21.1	21.1	-40.9	60.	0.1167	0.1080	0.7780	203.0	3.0
5555.	455.3	-34.9	21.1	21.1	-41.6	55.	0.1066	0.1016	0.7741	203.0	3.0
5616.	451.5	-35.2	21.1	21.1	-42.0	55.	0.1022	0.0956	0.7696	203.0	3.0
5674.	447.1	-35.7	21.1	21.1	-42.4	58.	0.0977	0.0918	0.7652	203.0	3.0
5729.	442.7	-36.2	21.1	21.1	-42.7	58.	0.0925	0.0884	0.7607	203.0	3.0
5785.	438.3	-36.7	21.1	21.1	-43.1	58.	0.0866	0.0826	0.7562	203.0	3.0
5848.	433.9	-37.2	21.1	21.1	-43.5	58.	0.0812	0.0774	0.7517	203.0	3.0
5904.	429.4	-37.6	21.1	21.1	-44.2	55.	0.0741	0.0703	0.7470	203.0	3.0
6002.	425.0	-38.0	21.1	21.1	-45.5	53.	0.0663	0.0625	0.7423	203.0	3.0
6061.	421.1	-38.5	21.1	21.1	-47.5	50.	0.0553	0.0513	0.7376	203.0	3.0
6117.	417.5	-39.0	21.1	21.1	-48.0	47.	0.0464	0.0424	0.7329	203.0	3.0
6175.	414.0	-39.5	21.1	21.1	-48.6	46.	0.0395	0.0355	0.7282	203.0	3.0
6226.	410.6	-40.0	21.1	21.1	-49.2	46.	0.0346	0.0306	0.7235	203.0	3.0
6287.	407.1	-40.5	21.1	21.1	-49.7	45.	0.0306	0.0266	0.7188	203.0	3.0
6344.	403.7	-41.0	21.1	21.1	-50.1	45.	0.0266	0.0226	0.7141	203.0	3.0
6401.	399.5	-41.5	21.1	21.1	-50.5	41.	0.0226	0.0186	0.7094	203.0	3.0
6457.	395.5	-42.0	21.1	21.1	-51.1	41.	0.0186	0.0146	0.7047	203.0	3.0
6520.	391.5	-42.5	21.1	21.1	-51.6	39.	0.0146	0.0106	0.7000	203.0	3.0
6584.	387.5	-43.0	21.1	21.1	-52.3	39.	0.0106	0.0066	0.6953	203.0	3.0
6640.	383.5	-43.5	21.1	21.1	-53.4	38.	0.0066	0.0026	0.6906	203.0	3.0
6698.	379.5	-44.0	21.1	21.1	-54.5	37.	0.0026	0.0006	0.6859	203.0	3.0
6753.	375.5	-44.5	21.1	21.1	-55.4	37.	0.0006	0.0000	0.6812	203.0	3.0
6805.	371.5	-45.0	21.1	21.1	-56.1	37.	0.0000	0.0000	0.6765	203.0	3.0
6865.	367.5	-45.5	21.1	21.1	-56.7	36.	0.0000	0.0000	0.6718	203.0	3.0
6922.	363.5	-46.0	21.1	21.1	-57.4	36.	0.0000	0.0000	0.6671	203.0	3.0
6977.	359.5	-46.5	21.1	21.1	-58.1	36.	0.0000	0.0000	0.6624	203.0	3.0
7034.	355.5	-47.0	21.1	21.1	-58.6	35.	0.0000	0.0000	0.6577	203.0	3.0
7088.	351.5	-47.5	21.1	21.1	-59.1	35.	0.0000	0.0000	0.6530	203.0	3.0
7141.	347.5	-48.0	21.1	21.1	-59.6	35.	0.0000	0.0000	0.6483	203.0	3.0
7195.	343.5	-48.5	21.1	21.1	-60.1	35.	0.0000	0.0000	0.6436	203.0	3.0
7247.	339.5	-49.0	21.1	21.1	-60.6	35.	0.0000	0.0000	0.6389	203.0	3.0
7300.	335.5	-49.5	21.1	21.1	-61.1	35.	0.0000	0.0000	0.6342	203.0	3.0
7355.	331.5	-50.0	21.1	21.1	-61.6	35.	0.0000	0.0000	0.6295	203.0	3.0
7411.	327.5	-50.5	21.1	21.1	-62.1	35.	0.0000	0.0000	0.6248	203.0	3.0
7471.	323.5	-51.0	21.1	21.1	-62.6	35.	0.0000	0.0000	0.6201	203.0	3.0
7531.	319.5	-51.5	21.1	21.1	-63.1	35.	0.0000	0.0000	0.6154	203.0	3.0
7591.	315.5	-52.0	21.1	21.1	-63.6	35.	0.0000	0.0000	0.6107	203.0	3.0
7647.	311.5	-52.5	21.1	21.1	-64.1	35.	0.0000	0.0000	0.6060	203.0	3.0
7702.	307.5	-53.0	21.1	21.1	-64.6	35.	0.0000	0.0000	0.6013	203.0	3.0
7762.	303.5	-53.5	21.1	21.1	-65.1	3					

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA (C)	DW POINT (C)	REL HUM (%)	E (MB)	1E+3*RH0W (G/M+3)	RH0 (KG/M+3)	DPR (C/G)	SPEED (M/S)
10000	1013.5	15.7	7.7	7.7	7.7	100	0.000	0.000	0.000	0.000	4.7
9900	1013.5	15.7	7.7	7.7	7.7	100	0.000	0.000	0.000	0.000	4.7
9800	1013.5	15.7	7.7	7.7	7.7	100	0.000	0.000	0.000	0.000	4.7
9700	1013.5	15.7	7.7	7.7	7.7	100	0.000	0.000	0.000	0.000	4.7
9600	1013.5	15.7	7.7	7.7	7.7	100	0.000	0.000	0.000	0.000	4.7
9500	1013.5	15.7	7.7	7.7	7.7	100	0.000	0.000	0.000	0.000	4.7
9400	1013.5	15.7	7.7	7.7	7.7	100	0.000	0.000	0.000	0.000	4.7
9300	1013.5	15.7	7.7	7.7	7.7	100	0.000	0.000	0.000	0.000	4.7
9200	1013.5	15.7	7.7	7.7	7.7	100	0.000	0.000	0.000	0.000	4.7
9100	1013.5	15.7	7.7	7.7	7.7	100	0.000	0.000	0.000	0.000	4.7
9000	1013.5	15.7	7.7	7.7	7.7	100	0.000	0.000	0.000	0.000	4.7
8900	1013.5	15.7	7.7	7.7	7.7	100	0.000	0.000	0.000	0.000	4.7
8800	1013.5	15.7	7.7	7.7	7.7	100	0.000	0.000	0.000	0.000	4.7
8700	1013.5	15.7	7.7	7.7	7.7	100	0.000	0.000	0.000	0.000	4.7
8600	1013.5	15.7	7.7	7.7	7.7	100	0.000	0.000	0.000	0.000	4.7
8500	1013.5	15.7	7.7	7.7	7.7	100	0.000	0.000	0.000	0.000	4.7
8400	1013.5	15.7	7.7	7.7	7.7	100	0.000	0.000	0.000	0.000	4.7
8300	1013.5	15.7	7.7	7.7	7.7	100	0.000	0.000	0.000	0.000	4.7
8200	1013.5	15.7	7.7	7.7	7.7	100	0.000	0.000	0.000	0.000	4.7
8100	1013.5	15.7	7.7	7.7	7.7	100	0.000	0.000	0.000	0.000	4.7
8000	1013.5	15.7	7.7	7.7	7.7	100	0.000	0.000	0.000	0.000	4.7
7900	1013.5	15.7	7.7	7.7	7.7	100	0.000	0.000	0.000	0.000	4.7
7800	1013.5	15.7	7.7	7.7	7.7	100	0.000	0.000	0.000	0.000	4.7
7700	1013.5	15.7	7.7	7.7	7.7	100	0.000	0.000	0.000	0.000	4.7
7600	1013.5	15.7	7.7	7.7	7.7	100	0.000	0.000	0.000	0.000	4.7
7500	1013.5	15.7	7.7	7.7	7.7	100	0.000	0.000	0.000	0.000	4.7
7400	1013.5	15.7	7.7	7.7	7.7	100	0.000	0.000	0.000	0.000	4.7
7300	1013.5	15.7	7.7	7.7	7.7	100	0.000	0.000	0.000	0.000	4.7
7200	1013.5	15.7	7.7	7.7	7.7	100	0.000	0.000	0.000	0.000	4.7
7100	1013.5	15.7	7.7	7.7	7.7	100	0.000	0.000	0.000	0.000	4.7
7000	1013.5	15.7	7.7	7.7	7.7	100	0.000	0.000	0.000	0.000	4.7
6900	1013.5	15.7	7.7	7.7	7.7	100	0.000	0.000	0.000	0.000	4.7
6800	1013.5	15.7	7.7	7.7	7.7	100	0.000	0.000	0.000	0.000	4.7
6700	1013.5	15.7	7.7	7.7	7.7	100	0.000	0.000	0.000	0.000	4.7
6600	1013.5	15.7	7.7	7.7							

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RH0W (G/M+3)	RH0 (KG/M+3)	DIR (DEG)	SPEED (M/S)
19836.	46.7	-56.9	245.7	245.7	-87.0	1.	0.0002	0.0002	0.0752	99.9	99.9
19890.	46.3	-56.7	247.4	247.4	-86.9	1.	0.0002	0.0002	0.0745	99.9	99.9
19950.	45.8	-56.5	249.5	249.5	-86.7	1.	0.0002	0.0002	0.0736	99.9	99.9
20015.	45.4	-56.4	251.1	251.1	-86.6	1.	0.0002	0.0002	0.0729	99.9	99.9
20071.	45.0	-56.3	252.7	252.7	-86.6	1.	0.0002	0.0002	0.0723	99.9	99.9
20127.	44.6	-56.2	254.3	254.3	-86.4	1.	0.0002	0.0002	0.0716	99.9	99.9
20185.	44.2	-55.9	256.3	256.3	-86.3	1.	0.0002	0.0002	0.0709	99.9	99.9

SOUNDING 33.0
 LATITUDE -62.1 LONGITUDE 2.4
 DATE 10-31-81 TIME 1654 GMT
 NUMBER OF LEVELS 200

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RH0W (G/M+3)	RH0 (KG/M+3)	DIR (DEG)	SPEED (M/S)
0.	963.9	-2.7	0.2	0.6	-4.2	RR.	4.3146	3.4763	1.2451	40.0	8.0
5.	957.2	-3.7	0.5	0.6	-4.7	RR.	4.1367	3.3390	1.2386	40.0	7.9
11.	950.5	-4.7	0.8	0.7	-5.2	RR.	3.9656	3.2067	1.2317	40.0	5.9
17.	943.8	-5.3	0.3	0.7	-5.8	RR.	3.7685	3.0542	1.2247	40.0	4.2
23.	935.5	-6.4	0.4	0.8	-6.3	RR.	3.6112	2.9321	1.2174	40.0	2.9
29.	925.4	-7.3	0.4	0.8	-6.8	RR.	3.4599	2.8145	1.2103	341.0	2.2
35.	921.7	-7.7	0.6	1.0	-7.2	RR.	3.3431	2.7236	1.2033	309.0	2.2
41.	914.7	-8.1	0.8	1.2	-7.6	RR.	3.2299	2.6352	1.1958	225.0	2.5
46.	908.1	-8.4	1.4	1.4	-7.9	RR.	3.1473	2.5707	1.1885	271.0	3.2
52.	901.3	-8.9	1.4	1.8	-8.1	RR.	3.0932	2.5284	1.1805	266.0	3.7
58.	894.8	-9.6	1.7	2.0	-8.4	RR.	3.0135	2.4663	1.1732	261.0	4.1
64.	887.9	-10.1	1.9	2.2	-8.4	RR.	2.9108	2.3856	1.1659	257.0	4.4
70.	880.3	-10.7	2.2	2.6	-9.1	RR.	2.8357	2.3266	1.1574	253.0	4.6
76.	872.5	-11.3	2.4	2.7	-9.5	RR.	2.7735	2.2591	1.1509	256.0	4.7
81.	866.4	-11.8	2.5	2.8	-9.8	RR.	2.7140	2.1758	1.1444	254.0	4.6
86.	862.7	-12.3	2.6	2.9	-10.2	RR.	2.5526	2.1038	1.1390	256.0	4.6
91.	857.0	-12.7	3.0	3.5	-10.1	RR.	2.5751	2.1216	1.1310	253.0	4.6
96.	851.5	-13.2	3.3	4.1	-10.0	RR.	2.5978	2.1394	1.1234	253.0	4.6
102.	845.8	-13.7	4.3	4.6	-10.1	RR.	2.5750	2.1215	1.1163	252.0	4.7
107.	839.8	-14.2	4.6	4.9	-10.3	RR.	2.5300	2.0868	1.1092	249.0	4.7
112.	834.0	-14.7	5.3	5.3	-10.5	RR.	2.4858	2.0510	1.1023	243.0	4.7
117.	828.6	-15.2	5.6	5.6	-10.7	RR.	2.4422	2.0166	1.0960	247.0	4.7
123.	822.9	-15.7	5.7	6.6	-10.8	RR.	2.4207	1.9995	1.0889	246.0	4.7
128.	817.4	-16.2	6.1	6.4	-10.9	RR.	2.3844	1.9827	1.0820	246.0	4.8
134.	811.3	-16.7	6.5	6.8	-11.1	RR.	2.3573	1.9493	1.0747	245.0	4.8
139.	805.3	-17.2	6.8	7.1	-11.4	RR.	2.2953	1.9033	1.0680	248.0	4.8
145.	799.3	-17.7	7.3	7.3	-11.6	RR.	2.2150	1.8366	1.0614	244.0	4.6
151.	793.5	-18.2	7.4	7.3	-12.0	RR.	2.1754	1.8055	1.0546	250.0	4.9
156.	787.1	-18.7	7.7	8.3	-12.2	RR.	2.1373	1.7749	1.0482	251.0	4.9
162.	780.4	-19.2	8.1	8.4	-12.3	RR.	2.1132	1.7597	1.0411	242.0	5.0
168.	772.2	-19.7	8.2	8.5	-12.8	RR.	2.0254	1.6854	1.0347	252.0	5.0
173.	770.5	-20.2	8.7	8.6	-13.3	RR.	1.9363	1.6147	1.0290	254.0	5.0
179.	764.8	-20.7	8.4	8.6	-13.8	RR.	1.8500	1.5464	1.0233	255.0	5.0
184.	758.5	-21.2	8.5	8.7	-14.2	RR.	1.7655	1.4936	1.0177	255.0	5.0
190.	752.1	-21.7	8.8	8.6	-14.6	RR.	1.7213	1.4425	1.0120	255.0	5.1
195.	746.7	-22.2	9.4	9.7	-14.4	RR.	1.7526	1.4678	1.0049	256.0	5.2
200.	743.6	-22.7	10.0	10.2	-14.4	RR.	1.7520	1.4678	0.9972	257.0	5.2
206.	738.7	-23.2	10.5	10.5	-14.6	RR.	1.7211	1.4424	0.9914	259.0	5.3
211.	733.9	-23.7	11.1	11.1	-14.9	RR.	1.6747	1.4051	0.9860	256.0	5.3
216.	728.7	-24.2	11.4	11.4	-15.3	RR.	1.6448	1.3707	0.9798	256.0	5.3
222.	721.6	-24.7	11.7	11.7	-15.3	RR.	1.6144	1.3367	0.9737	256.0	5.4
227.	715.3	-25.2	11.9	12.2	-15.7	RR.	1.5836	1.3099	0.9673	254.0	5.4
233.	708.3	-25.7	12.1	12.3	-16.1	RR.	1.5524	1.2845	0.9613	253.0	5.5
238.	703.4	-26.2	12.1	12.3	-16.6	RR.	1.5212	1.2645	0.9560	253.0	5.5
243.	698.4	-26.7	12.1	12.3	-17.1	RR.	1.4903	1.2498	0.9511	251.0	5.7
249.	692.5	-27.2	12.1	12.3	-17.6	RR.	1.4595	1.2308	0.9462	249.0	5.9
254.	687.5	-27.7	12.1	12.3	-17.9	RR.	1.4317	1.2168	0.9402	246.0	5.9
259.	682.5	-28.2	12.1	12.3	-18.2	RR.	1.4066	1.2036	0.9356	244.0	5.9
265.	677.4	-28.7	12.1	12.3	-18.6	RR.	1.3834	1.1910	0.9300	241.0	5.9
270.	672.4	-29.2	12.1	12.3	-19.0	RR.	1.3616	1.1789	0.9243	238.0	6.1
275.	667.4	-29.7	12.1	12.3	-19.4	RR.	1.3414	1.1673	0.9187	235.0	6.2
281.	662.4	-30.2	12.1	12.3	-19.8	RR.	1.3227	1.1561	0.9132	232.0	6.4
286.	657.4	-30.7	12.1	12.3	-20.2	RR.	1.3054	1.1454	0.9077	230.0	6.5
292.	652.4	-31.2	12.1	12.3	-20.6	RR.	1.2895	1.1351	0.9022	226.0	6.7
297.	647.4	-31.7	12.1	12.3	-21.0	RR.	1.2750	1.1252	0.8967	223.0	7.1
303.	642.4	-32.2	12.1	12.3	-21.4	RR.	1.2618	1.1157	0.8915	220.0	7.5
308.	637.4	-32.7	12.1	12.3	-21.8	RR.	1.2498	1.1066	0.8869	217.0	7.9
314.	632.4	-33.2	12.1	12.3	-22.2	RR.	1.2389	1.0978	0.8825	214.0	8.3
319.	627.4	-33.7	12.1	12.3	-22.6	RR.	1.2291	1.0893	0.8784	211.0	8.7
325.	622.4	-34.2	12.1	12.3	-23.0	RR.	1.2204	1.0811	0.8744	208.0	9.1
330.	617.4	-34.7	12.1	12.3	-23.4	RR.	1.2128	1.0732	0.8706	205.0	9.5
336.	612.4	-35.2	12.1	12.3	-23.8	RR.	1.2062	1.0657	0.8669	202.0	9.9
341.	607.4	-35.7	12.1	12.3	-24.2	RR.	1.2006	1.0584	0.8634	199.0	10.3
347.	602.4	-36.2	12.1	12.3	-24.6	RR.	1.1959	1.0513	0.8600	196.0	10.7
352.	597.4	-36.7	12.1	12.3	-25.0	RR.	1.1921	1.0444	0.8567	193.0	11.1
358.	592.4	-37.2	12.1	12.3	-25.4	RR.	1.1891	1.0376	0.8535	190.0	11.5
363.	587.4	-37.7	12.1	12.3	-25.8	RR.	1.1869	1.0310	0.8504	187.0	11.9
369.	582.4	-38.2	12.1	12.3	-26.2	RR.	1.1854	1.0246	0.8474	184.0	12.3
374.	577.4	-38.7	12.1	12.3	-26.6	RR.	1.1846	1.0183	0.8445	181.0	12.7
380.	572.4	-39.2	12.1	12.3	-27.0	RR.	1.1844	1.0121	0.8417	178.0	13.1
385.	567.4	-39.7	12.1	12.3	-27.4	RR.	1.1848	1.0060	0.8390	175.0	13.5
391.	562.4	-40.2	12.1	12.3	-27.8	RR.	1.1857	1.0000	0.8364	172.0	13.9
396.	557.4	-40.7	12.1	12.3	-28.2	RR.	1.1871	0.9941	0.8339	169.0	14.3
402.	552.4	-41.2	12.1	12.3	-28.6	RR.	1.1890	0.9883	0.8314	166.0	14.7
407.	547.4	-41.7	12.1	12.3	-29.0	RR.	1.1914	0.9826	0.8290	163.0	15.1
413.	542.4	-42.2	12.1	12.3	-29.4	RR.	1.1943	0.9770	0.8266	160.0	15.5
418.	537.4	-42.7	12.1	12.3	-29.8	RR.	1.1976	0.9715	0.8243	157.0	15.9
424.	532.4	-43.2	12.1	12.3	-30.2	RR.	1.2014	0.9661	0.8220	154.0	16.3
429.	527.4	-43.7	12.1	12.3	-30.6	RR.	1.2056	0.9608	0.8197	151.0	16.7
435.	522.4	-44.2	12.1	12.3	-31.0	RR.	1.2102	0.9556	0.8174	148.0	17.1
440.	517.4	-44.7	12.1	12.3	-31.4	RR.	1.2152	0.9505	0.8151	145.0	17.5
446.	512.4	-45.2	12.1	12.3	-31.8	RR.	1.2206	0.9455	0.8128	142.0	17.9
451.	507.4	-45.7	12.1	12.3	-32.2	RR.	1.2264	0.9406	0.8105	139.0	18.3
457.	502.4	-46.2	12.1	12.3	-32.6	RR.	1.2326	0.9358	0.8082	136.0	18.7
462.	497.4	-46.7	12.1	12.3	-33.0	RR.	1.2392	0.9311	0.8059	133.0	19.1
468.	492.4	-47.2	12.1	12.3	-33.4	RR.	1.2462	0.9265	0.8036	130.0	19.5
473.	487.4	-47.7	12.1	12.3	-33.8	RR.	1.2536	0.9220	0.8013	127.0	19.9
479.	482.4	-48.2	12.1	12.3	-34.2	RR.	1.2614	0.9176	0.7990	124.0	20.3
484.	477.4	-48.7	12.1	12.3	-34.6	RR.	1.2696	0.9133	0.7967	121.0	20.7
490.	472.4	-49.2	12.1	12.3	-35.0	RR.	1.2782	0.9091	0.7944	118.0	21.1
495.	467.4	-49.7	12.1	12.3	-35.4	RR.	1.2872	0.9050	0.7921	115.0	21.5

HEIGHT (M)	PRES (H)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3-RHOW (G/M+3)	RHO (KG/M+3)	D1R (DEG)	SPEED (M/S)
5042.	491.6	-33.2	20.8	20.8	-34.4	RR.	3.2394	0.2173	0.7139	239.0	8.4
5099.	487.6	-33.6	20.9	21.0	-34.8	RR.	3.2294	0.2085	0.7093	239.0	8.1
5158.	483.1	-34.1	21.0	21.1	-35.3	RR.	3.2174	0.1980	0.7048	237.0	7.8
5219.	478.3	-34.7	21.1	21.1	-35.9	RR.	3.2037	0.1861	0.7004	237.0	7.3
5277.	473.4	-35.2	21.1	21.2	-36.9	RR.	3.1830	0.1766	0.6960	235.0	7.1
5334.	467.4	-35.7	21.2	21.5	-37.3	RR.	3.1674	0.1670	0.6918	234.0	6.9
5394.	461.4	-36.1	21.3	21.7	-37.7	RR.	3.1545	0.1541	0.6870	234.0	6.5
5453.	455.4	-36.5	21.4	21.8	-38.2	RR.	3.1435	0.1461	0.6823	235.0	6.3
5510.	449.6	-37.0	21.5	21.8	-38.6	RR.	3.1342	0.1386	0.6781	235.0	6.0
5567.	443.8	-37.5	21.6	21.8	-39.1	RR.	3.1269	0.1313	0.6739	235.0	5.8
5620.	438.0	-38.0	21.7	21.9	-39.6	RR.	3.1199	0.1245	0.6702	235.0	5.5
5674.	432.2	-38.5	21.8	21.9	-40.1	RR.	3.1133	0.1180	0.6664	232.0	5.4
5726.	426.4	-39.0	21.9	22.0	-40.6	RR.	3.1071	0.1117	0.6628	232.0	5.2
5780.	420.6	-39.5	22.0	22.1	-41.1	RR.	3.1012	0.1059	0.6590	230.0	5.1
5836.	414.8	-40.0	22.1	22.2	-41.6	RR.	3.0955	0.1002	0.6550	230.0	4.7
5893.	409.0	-40.5	22.2	22.3	-42.1	RR.	3.0899	0.0949	0.6509	232.0	4.6
5950.	403.2	-41.0	22.3	22.4	-42.6	RR.	3.0851	0.0899	0.6468	232.0	4.4
6006.	397.4	-41.5	22.4	22.5	-43.1	RR.	3.0803	0.0850	0.6428	234.0	4.3
6062.	391.6	-42.0	22.5	22.6	-43.6	RR.	3.0758	0.0804	0.6389	233.0	4.2
6117.	385.8	-42.5	22.6	22.7	-44.1	RR.	3.0714	0.0760	0.6352	233.0	4.1
6171.	380.0	-43.0	22.7	22.8	-44.6	RR.	3.0671	0.0719	0.6314	233.0	4.0
6228.	374.2	-43.5	22.8	22.9	-45.1	RR.	3.0629	0.0679	0.6275	233.0	4.0
6282.	368.4	-44.0	22.9	23.0	-45.6	RR.	3.0588	0.0635	0.6238	232.0	3.9
6337.	362.6	-44.5	23.0	23.1	-46.1	RR.	3.0548	0.0600	0.6203	232.0	3.8
6393.	356.8	-45.0	23.1	23.2	-46.6	RR.	3.0509	0.0566	0.6164	234.0	3.7
6451.	351.0	-45.5	23.2	23.3	-47.1	RR.	3.0471	0.0535	0.6124	235.0	3.5
6510.	345.2	-46.0	23.3	23.4	-47.6	RR.	3.0435	0.0505	0.6084	235.0	3.5
6569.	339.4	-46.5	23.4	23.5	-48.1	RR.	3.0400	0.0476	0.6044	237.0	3.2
6624.	333.6	-47.0	23.5	23.6	-48.6	RR.	3.0366	0.0446	0.6006	237.0	3.1
6679.	327.8	-47.5	23.6	23.7	-49.1	RR.	3.0333	0.0418	0.5970	237.0	2.9
6735.	322.0	-48.0	23.7	23.8	-49.6	RR.	3.0301	0.0391	0.5932	240.0	2.7
6792.	316.2	-48.5	23.8	23.9	-50.1	RR.	3.0270	0.0366	0.5894	240.0	2.5
6851.	310.4	-49.0	23.9	24.0	-50.7	RR.	3.0240	0.0341	0.5854	241.0	2.4
6912.	304.6	-49.5	24.0	24.1	-51.2	RR.	3.0211	0.0317	0.5815	240.0	2.1
6972.	298.8	-50.0	24.1	24.2	-51.7	RR.	3.0183	0.0294	0.5775	241.0	2.0
7032.	293.0	-50.5	24.2	24.3	-52.3	RR.	3.0156	0.0271	0.5735	241.0	1.8
7093.	287.2	-51.0	24.3	24.4	-52.8	RR.	3.0130	0.0249	0.5700	242.0	1.7
7148.	281.4	-51.5	24.4	24.5	-53.4	RR.	3.0105	0.0227	0.5661	244.0	1.5
7206.	275.6	-52.0	24.5	24.6	-53.9	RR.	3.0081	0.0205	0.5626	244.0	1.3
7262.	269.8	-52.5	24.6	24.7	-54.4	RR.	3.0058	0.0184	0.5590	248.0	1.3
7313.	264.0	-53.0	24.7	24.8	-54.9	RR.	3.0035	0.0163	0.5558	248.0	1.3
7365.	258.2	-53.5	24.8	24.9	-55.4	RR.	3.0013	0.0143	0.5528	248.0	1.1
7413.	252.4	-54.0	24.9	25.0	-55.9	RR.	2.9992	0.0123	0.5500	246.0	1.2
7455.	246.6	-54.5	25.0	25.1	-56.4	RR.	2.9972	0.0104	0.5465	246.0	1.2
7504.	240.8	-55.0	25.1	25.2	-56.9	RR.	2.9953	0.0085	0.5437	244.0	1.1
7549.	235.0	-55.5	25.2	25.3	-57.4	RR.	2.9935	0.0067	0.5406	244.0	1.0
7593.	229.2	-56.0	25.3	25.4	-57.9	RR.	2.9918	0.0049	0.5374	244.0	1.0
7638.	223.4	-56.5	25.4	25.5	-58.4	RR.	2.9902	0.0032	0.5343	225.0	1.0
7682.	217.6	-57.0	25.5	25.6	-58.9	RR.	2.9887	0.0016	0.5311	229.0	1.0
7726.	211.8	-57.5	25.6	25.7	-59.4	RR.	2.9873	0.0001	0.5279	225.0	1.0
7775.	206.0	-58.0	25.7	25.8	-59.9	RR.	2.9860	0.0000	0.5241	225.0	1.0
7826.	200.2	-58.5	25.8	25.9	-60.4	RR.	2.9848	0.0000	0.5199	225.0	1.0
7881.	194.4	-59.0	25.9	26.0	-60.9	RR.	2.9837	0.0000	0.5157	225.0	1.0
7938.	188.6	-59.5	26.0	26.1	-61.4	RR.	2.9827	0.0000	0.5115	225.0	1.0
7994.	182.8	-60.0	26.1	26.2	-61.9	RR.	2.9818	0.0000	0.5073	225.0	1.0
8048.	177.0	-60.5	26.2	26.3	-62.4	RR.	2.9810	0.0000	0.5031	225.0	1.0
8103.	171.2	-61.0	26.3	26.4	-62.9	RR.	2.9803	0.0000	0.5000	225.0	1.0
8156.	165.4	-61.5	26.4	26.5	-63.4	RR.	2.9797	0.0000	0.4971	225.0	1.0
8213.	159.6	-62.0	26.5	26.6	-63.9	RR.	2.9792	0.0000	0.4942	225.0	1.0
8269.	153.8	-62.5	26.6	26.7	-64.4	RR.	2.9788	0.0000	0.4913	225.0	1.0
8330.	148.0	-63.0	26.7	26.8	-64.9	RR.	2.9785	0.0000	0.4884	225.0	1.0
8391.	142.2	-63.5	26.8	26.9	-65.4	RR.	2.9783	0.0000	0.4855	225.0	1.0
8452.	136.4	-64.0	26.9	27.0	-65.9	RR.	2.9782	0.0000	0.4826	225.0	1.0
8513.	130.6	-64.5	27.0	27.1	-66.4	RR.	2.9782	0.0000	0.4797	225.0	1.0
8574.	124.8	-65.0	27.1	27.2	-66.9	RR.	2.9783	0.0000	0.4768	225.0	1.0
8635.	119.0	-65.5	27.2	27.3	-67.4	RR.	2.9785	0.0000	0.4739	225.0	1.0
8696.	113.2	-66.0	27.3	27.4	-67.9	RR.	2.9788	0.0000	0.4710	225.0	1.0
8757.	107.4	-66.5	27.4	27.5	-68.4	RR.	2.9792	0.0000	0.4681	225.0	1.0
8818.	101.6	-67.0	27.5	27.6	-68.9	RR.	2.9797	0.0000	0.4652	225.0	1.0
8879.	95.8	-67.5	27.6	27.7	-69.4	RR.	2.9803	0.0000	0.4623	225.0	1.0
8940.	90.0	-68.0	27.7	27.8	-69.9	RR.	2.9810	0.0000	0.4594	225.0	1.0
8992.	84.2	-68.5	27.8	27.9	-70.4	RR.	2.9818	0.0000	0.4565	225.0	1.0
9053.	78.4	-69.0	27.9	28.0	-70.9	RR.	2.9827	0.0000	0.4536	225.0	1.0
9114.	72.6	-69.5	28.0	28.1	-71.4	RR.	2.9837	0.0000	0.4507	225.0	1.0
9175.	66.8	-70.0	28.1	28.2	-71.9	RR.	2.9848	0.0000	0.4478	225.0	1.0
9236.	61.0	-70.5	28.2	28.3	-72.4	RR.	2.9860	0.0000	0.4449	225.0	1.0
9297.	55.2	-71.0	28.3	28.4	-72.9	RR.	2.9873	0.0000	0.4420	225.0	1.0
9358.	49.4	-71.5	28.4	28.5	-73.4	RR.	2.9887	0.0000	0.4391	225.0	1.0
9419.	43.6	-72.0	28.5	28.6	-73.9	RR.	2.9902	0.0000	0.4362	225.0	1.0
9480.	37.8	-72.5	28.6	28.7	-74.4	RR.	2.9918	0.0000	0.4333	225.0	1.0
9541.	32.0	-73.0	28.7	28.8	-74.9	RR.	2.9935	0.0000	0.4304	225.0	1.0
9602.	26.2	-73.5	28.8	28.9	-75.4	RR.	2.9953	0.0000	0.4275	225.0	1.0
9663.	20.4	-74.0	28.9	29.0	-75.9	RR.	2.9972	0.0000	0.4246	225.0	1.0
9724.	14.6	-74.5	29.0	29.1	-76.4	RR.	2.9992	0.0000	0.4217	225.0	1.0
9785.	8.8	-75.0	29.1	29.2	-76.9	RR.	3.0013	0.0000	0.4188	225.0	1.0
9846.	3.0	-75.5	29.2	29.3	-77.4	RR.	3.0035	0.0000	0.4159	225.0	1.0
9907.	-2.8	-76.0	29.3	29.4	-77.9	RR.	3.0058	0.0000	0.4130	225.0	1.0
9968.	-8.6	-76.5	29.4	29.5	-78.4	RR.	3.0081	0.0000	0.4101	225.0	1.0
10029.	-14.4	-77.0	29.5	29.6	-78.9	RR.	3.0105	0.0000	0.4072	225.0	1.0
10090.	-20.2	-77.5	29.6	29.7	-79.4	RR.	3.0130	0.0000	0.4043	225.0	1.0
10151.	-26.0	-78.0	29.7	29.8	-79.9	RR.	3.0156	0.0000	0.4014	225.0	1.0
10212.	-31.8	-78.5	29.8	29.9	-80.4	RR.	3.0183	0.0000	0.3985	225.0	1.0
10273.	-37.6	-79.0	29.9	30.0	-80.9	RR.	3.0211	0.0000	0.3956	225.0	1.0
10334.	-43.4	-79.5	30.0	30.1	-81.4	RR.	3.0240	0.0000	0.3927	225.0	1.0
10395.	-49.2	-80.0	30.1	30.2	-81.9	RR.	3.0270	0.0000	0.3898	225.0	1.0
10456.	-55.0	-80.5	30.2	30.3	-82.4	RR.	3.0301	0.0000	0.3869	225.0	1.0
10517.	-60.8	-81.0	30.3	30.4	-82.9	RR.	3.0333	0.0000	0.3840	225.0	1.0
10578.	-66.6	-81.5	30.4	30.5	-83.4	RR.	3.0366	0.0000	0.3811	225.0	1.0
10639.	-72.4	-82.0	30.5	30.6	-83.9	RR.	3.0400	0.0000	0.3782	225.0	1.0
10700.	-78.2	-82.5	30.6	30.7	-84.4	RR.	3.0435	0.0000	0.3753	225.0	1.0
10761.	-84.0	-83.0	30.7	30.8	-84.9	RR.	3.0471	0.0000	0.3724	225.0	1.0
10822.	-89.8	-83.5	30.8	30.9	-85.4	RR.	3.0509	0.0000	0.3695	225.0	1.0
10883.	-95.6	-84.0	30.9	31.0	-85.9	RR.	3.0548	0.0000	0.3666	225.0	1.0
10944.	-101.4	-84.5	31.0	31.1	-86.4	RR.	3.0588	0.0000	0.3637	225.0	1.0
11005.	-107.2	-85.0	31.1	31.2	-86.9	RR.					

SOUNDING 34.1
LATITUDE -62.1 LONGITUDE 2.8
DATE 10-31-81 TIME 2335 GMT
NUMBER OF LEVELS 411

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HEIGHT (M)	FRES (M)	T (C)	THETA (C)	THETA (C)	DEL POINT (C)	REL HUM (%)	F (M)	10-3-4-4-4 (G/M+3)	RHO (KG/M+3)	TIP (C/C)	SPEED (M/S)
56.45	454.4	-36.4	23.7	23.7	-71.5	1.	0.00001	0.00001	0.6675	247.0	13.4
57.72	444.4	-36.4	23.7	23.7	-72.7	1.	0.00001	0.00001	0.6627	245.0	13.5
58.83	434.4	-36.4	23.7	23.7	-73.0	1.	0.00001	0.00001	0.6531	244.0	13.5
59.97	424.4	-36.4	23.7	23.7	-73.3	1.	0.00001	0.00001	0.6481	243.0	13.5
61.10	414.4	-36.4	23.7	23.7	-73.6	1.	0.00001	0.00001	0.6433	242.0	13.5
62.24	404.4	-36.4	23.7	23.7	-73.9	1.	0.00001	0.00001	0.6384	241.0	13.5
63.38	394.4	-36.4	23.7	23.7	-74.2	1.	0.00001	0.00001	0.6338	240.0	13.5
64.52	384.4	-36.4	23.7	23.7	-74.5	1.	0.00001	0.00001	0.6291	239.0	13.5
65.66	374.4	-36.4	23.7	23.7	-74.8	1.	0.00001	0.00001	0.6243	238.0	13.5
66.80	364.4	-36.4	23.7	23.7	-75.1	1.	0.00001	0.00001	0.6195	237.0	13.5
67.94	354.4	-36.4	23.7	23.7	-75.4	1.	0.00001	0.00001	0.6150	236.0	13.5
69.08	344.4	-36.4	23.7	23.7	-75.7	1.	0.00001	0.00001	0.6104	235.0	13.5
70.22	334.4	-36.4	23.7	23.7	-76.0	1.	0.00001	0.00001	0.6056	234.0	13.5
71.36	324.4	-36.4	23.7	23.7	-76.3	1.	0.00001	0.00001	0.6009	233.0	13.5
72.50	314.4	-36.4	23.7	23.7	-76.6	1.	0.00001	0.00001	0.5965	232.0	13.5
73.64	304.4	-36.4	23.7	23.7	-76.9	1.	0.00001	0.00001	0.5917	231.0	13.5
74.78	294.4	-36.4	23.7	23.7	-77.2	1.	0.00001	0.00001	0.5868	230.0	13.5
75.92	284.4	-36.4	23.7	23.7	-77.5	1.	0.00001	0.00001	0.5819	229.0	13.5
77.06	274.4	-36.4	23.7	23.7	-77.8	1.	0.00001	0.00001	0.5772	228.0	13.5
78.20	264.4	-36.4	23.7	23.7	-78.1	1.	0.00001	0.00001	0.5727	227.0	13.5
79.34	254.4	-36.4	23.7	23.7	-78.4	1.	0.00001	0.00001	0.5684	226.0	13.5
80.48	244.4	-36.4	23.7	23.7	-78.7	1.	0.00001	0.00001	0.5643	225.0	13.5
81.62	234.4	-36.4	23.7	23.7	-79.0	1.	0.00001	0.00001	0.5603	224.0	13.5
82.76	224.4	-36.4	23.7	23.7	-79.3	1.	0.00001	0.00001	0.5565	223.0	13.5
83.90	214.4	-36.4	23.7	23.7	-79.6	1.	0.00001	0.00001	0.5523	222.0	13.5
85.04	204.4	-36.4	23.7	23.7	-80.0	1.	0.00001	0.00001	0.5483	221.0	13.5
86.18	194.4	-36.4	23.7	23.7	-80.3	1.	0.00001	0.00001	0.5443	220.0	13.5
87.32	184.4	-36.4	23.7	23.7	-80.6	1.	0.00001	0.00001	0.5405	219.0	13.5
88.46	174.4	-36.4	23.7	23.7	-80.9	1.	0.00001	0.00001	0.5367	218.0	13.5
89.60	164.4	-36.4	23.7	23.7	-81.2	1.	0.00001	0.00001	0.5329	217.0	13.5
90.74	154.4	-36.4	23.7	23.7	-81.5	1.	0.00001	0.00001	0.5293	216.0	13.5
91.88	144.4	-36.4	23.7	23.7	-81.8	1.	0.00001	0.00001	0.5256	215.0	13.5
93.02	134.4	-36.4	23.7	23.7	-82.1	1.	0.00001	0.00001	0.5215	214.0	13.5
94.16	124.4	-36.4	23.7	23.7	-82.4	1.	0.00001	0.00001	0.5174	213.0	13.5
95.30	114.4	-36.4	23.7	23.7	-82.7	1.	0.00001	0.00001	0.5135	212.0	13.5
96.44	104.4	-36.4	23.7	23.7	-83.0	1.	0.00001	0.00001	0.5098	211.0	13.5
97.58	94.4	-36.4	23.7	23.7	-83.3	1.	0.00001	0.00001	0.5063	210.0	13.5
98.72	84.4	-36.4	23.7	23.7	-83.6	1.	0.00001	0.00001	0.5025	209.0	13.5
99.86	74.4	-36.4	23.7	23.7	-83.9	1.	0.00001	0.00001	0.4990	208.0	13.5
101.00	64.4	-36.4	23.7	23.7	-84.2	1.	0.00001	0.00001	0.4955	207.0	13.5
102.14	54.4	-36.4	23.7	23.7	-84.5	1.	0.00001	0.00001	0.4920	206.0	13.5
103.28	44.4	-36.4	23.7	23.7	-84.8	1.	0.00001	0.00001	0.4887	205.0	13.5
104.42	34.4	-36.4	23.7	23.7	-85.1	1.	0.00001	0.00001	0.4854	204.0	13.5
105.56	24.4	-36.4	23.7	23.7	-85.4	1.	0.00001	0.00001	0.4821	203.0	13.5
106.70	14.4	-36.4	23.7	23.7	-85.7	1.	0.00001	0.00001	0.4789	202.0	13.5
107.84	4.4	-36.4	23.7	23.7	-86.0	1.	0.00001	0.00001	0.4756	201.0	13.5
108.98	-6.4	-36.4	23.7	23.7	-86.3	1.	0.00001	0.00001	0.4722	200.0	13.5
110.12	-16.4	-36.4	23.7	23.7	-86.6	1.	0.00001	0.00001	0.4689	199.0	13.5
111.26	-26.4	-36.4	23.7	23.7	-86.9	1.	0.00001	0.00001	0.4656	198.0	13.5
112.40	-36.4	-36.4	23.7	23.7	-87.2	1.	0.00001	0.00001	0.4623	197.0	13.5
113.54	-46.4	-36.4	23.7	23.7	-87.5	1.	0.00001	0.00001	0.4590	196.0	13.5
114.68	-56.4	-36.4	23.7	23.7	-87.8	1.	0.00001	0.00001	0.4557	195.0	13.5
115.82	-66.4	-36.4	23.7	23.7	-88.1	1.	0.00001	0.00001	0.4524	194.0	13.5
116.96	-76.4	-36.4	23.7	23.7	-88.4	1.	0.00001	0.00001	0.4491	193.0	13.5
118.10	-86.4	-36.4	23.7	23.7	-88.7	1.	0.00001	0.00001	0.4458	192.0	13.5
119.24	-96.4	-36.4	23.7	23.7	-89.0	1.	0.00001	0.00001	0.4425	191.0	13.5
120.38	-106.4	-36.4	23.7	23.7	-89.3	1.	0.00001	0.00001	0.4392	190.0	13.5
121.52	-116.4	-36.4	23.7	23.7	-89.6	1.	0.00001	0.00001	0.4359	189.0	13.5
122.66	-126.4	-36.4	23.7	23.7	-89.9	1.	0.00001	0.00001	0.4326	188.0	13.5
123.80	-136.4	-36.4	23.7	23.7	-90.2	1.	0.00001	0.00001	0.4293	187.0	13.5
124.94	-146.4	-36.4	23.7	23.7	-90.5	1.	0.00001	0.00001	0.4260	186.0	13.5
126.08	-156.4	-36.4	23.7	23.7	-90.8	1.	0.00001	0.00001	0.4225	185.0	13.5
127.22	-166.4	-36.4	23.7	23.7	-91.1	1.	0.00001	0.00001	0.4190	184.0	13.5
128.36	-176.4	-36.4	23.7	23.7	-91.4	1.	0.00001	0.00001	0.4155	183.0	13.5
129.50	-186.4	-36.4	23.7	23.7	-91.7	1.	0.00001	0.00001	0.4120	182.0	13.5
130.64	-196.4	-36.4	23.7	23.7	-92.0	1.	0.00001	0.00001	0.4085	181.0	13.5
131.78	-206.4	-36.4	23.7	23.7	-92.3	1.	0.00001	0.00001	0.4050	180.0	13.5
132.92	-216.4	-36.4	23.7	23.7	-92.6	1.	0.00001	0.00001	0.4015	179.0	13.5
134.06	-226.4	-36.4	23.7	23.7	-92.9	1.	0.00001	0.00001	0.3980	178.0	13.5
135.20	-236.4	-36.4	23.7	23.7	-93.2	1.	0.00001	0.00001	0.3945	177.0	13.5
136.34	-246.4	-36.4	23.7	23.7	-93.5	1.	0.00001	0.00001	0.3910	176.0	13.5
137.48	-256.4	-36.4	23.7	23.7	-93.8	1.	0.00001	0.00001	0.3875	175.0	13.5
138.62	-266.4	-36.4	23.7	23.7	-94.1	1.	0.00001	0.00001	0.3840	174.0	13.5
139.76	-276.4	-36.4	23.7	23.7	-94.4	1.	0.00001	0.00001	0.3805	173.0	13.5
140.90	-286.4	-36.4	23.7	23.7	-94.7	1.	0.00001	0.00001	0.3770	172.0	13.5
142.04	-296.4	-36.4	23.7	23.7	-95.0	1.	0.00001	0.00001	0.3735	171.0	13.5
143.18	-306.4	-36.4	23.7	23.7	-95.3	1.	0.00001	0.00001	0.3700	170.0	13.5
144.32	-316.4	-36.4	23.7	23.7	-95.6	1.	0.00001	0.00001	0.3665	169.0	13.5
145.46	-326.4	-36.4	23.7	23.7	-95.9	1.	0.00001	0.00001	0.3630	168.0	13.5
146.60	-336.4	-36.4	23.7	23.7	-96.2	1.	0.00001	0.00001	0.3595	167.0	13.5
147.74	-346.4	-36.4	23.7	23.7	-96.5	1.	0.00001	0.00001	0.3560	166.0	13.5
148.88	-356.4	-36.4	23.7	23.7	-96.8	1.	0.00001	0.00001	0.3525	165.0	13.5
150.02	-366.4	-36.4	23.7	23.7	-97.1	1.	0.00001	0.00001	0.3490	164.0	13.5
151.16	-376.4	-36.4	23.7	23.7	-97.4	1.	0.00001	0.00001	0.3455	163.0	13.5
152.30	-386.4	-36.4	23.7	23.7	-97.7	1.	0.00001	0.00001	0.3420	162.0	13.5
153.44	-396.4	-36.4	23.7	23.7	-98.0	1.	0.00001	0.00001	0.3385	161.0	13.5
154.58	-406.4	-36.4	23.7	23.7	-98.3	1.	0.00001	0.00001	0.3350	160.0	13.5
155.72	-416.4	-36.4	23.7	23.7	-98.6	1.	0.00001	0.00001	0.3315	159.0	13.5
156.86	-426.4	-36.4	23.7	23.7	-98.9	1.	0.00001	0.00001	0.3280	158.0	13.5
158.00	-436.4	-36.4	23.7	23.7	-99.2	1.	0.00001	0.00001	0.3245	157.0	13.5
159.14	-446.4	-36.4	23.7	23.7	-99.5	1.	0.00001	0.00001	0.3210	156.0	13.5
160.28	-456.4	-36.4	23.7	23.7	-99.8	1.	0.00001	0.00001	0.3175	155.0	13.5
161.42	-466.4	-36.4	23.7	23.7	-100.1	1.	0.00001	0.00001	0.3140	154.0	13.5
162.56	-476.4	-36.4	23.7	23.7	-100.4	1.	0.00001	0.00001	0.3105	153.0	13.5
163.70	-486.4	-36.4	23.7	23.7	-100.7	1.	0.00001	0.00001	0.3070	152.0	13.5
164.84	-496.4	-36.4	23.7	23.7	-101.0	1.	0.00001	0.00001	0.3035	151.0	13.5
165.98	-506.4	-36.4	23.7	23.7	-101.3	1.	0.00001	0.00001	0.3000	150.0	13.5
167.12	-516.4	-36.4	23.7	23.7	-101.6	1.	0.00001	0.00001	0.2965	149.0	13.5
168.26	-526.4	-36.4	23.7	23.7	-101.9	1.	0.00001	0.00001	0.2930	148.0	13.5
169.40	-536.4	-36.4	23.7	23.7	-102.2	1.	0.00001	0.00001	0.2895	147.0	13.5
170.54	-546.4	-36.4	23.7	23.7	-102.5						

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THEIAV (C)	DEW POINT (C)	REL HUM (%)	F (M)	1E+3-RH0W (G/M+3)	RH0 (KG/M+3)	DIR (DEG)	SPEED (MPS)
12419.	154.8	-65.3	81.0	81.0	-53.3	1.	0.00001	0.00001	0.2594	254.0	26.0
12470.	153.5	-65.0	81.5	81.5	-53.4	1.	0.00001	0.00001	0.2575	254.0	26.2
12522.	152.2	-65.0	82.2	82.2	-53.5	1.	0.00001	0.00001	0.2555	254.0	26.4
12578.	150.8	-65.7	83.7	83.7	-53.6	1.	0.00001	0.00001	0.2532	256.0	26.6
12630.	149.5	-65.6	83.7	83.7	-53.6	1.	0.00001	0.00001	0.2512	257.0	26.8
12683.	148.2	-65.5	85.1	85.1	-53.4	1.	0.00001	0.00001	0.2486	257.0	27.0
12737.	146.9	-65.2	86.5	86.5	-53.2	1.	0.00001	0.00001	0.2461	258.0	27.2
12787.	145.7	-64.9	87.9	87.9	-53.0	1.	0.00001	0.00001	0.2437	258.0	27.4
12841.	144.4	-64.7	89.1	89.1	-52.8	1.	0.00001	0.00001	0.2413	258.0	27.6
12896.	143.1	-64.7	91.1	91.1	-52.7	1.	0.00001	0.00001	0.2391	258.0	27.7
12948.	141.4	-64.6	92.2	92.2	-52.7	1.	0.00001	0.00001	0.2370	258.0	27.8
12995.	140.7	-64.5	93.1	93.1	-52.7	1.	0.00001	0.00001	0.2349	258.0	27.9
13052.	139.5	-64.5	94.2	94.2	-52.7	1.	0.00001	0.00001	0.2329	258.0	28.1
13109.	138.2	-64.4	95.3	95.3	-52.6	1.	0.00001	0.00001	0.2306	258.0	28.3
13162.	137.0	-64.5	96.5	96.5	-52.7	1.	0.00001	0.00001	0.2287	257.0	28.4
13216.	135.8	-64.7	97.5	97.5	-52.8	1.	0.00001	0.00001	0.2269	257.0	28.5
13270.	134.6	-64.8	98.6	98.6	-52.8	1.	0.00001	0.00001	0.2251	257.0	28.6
13322.	133.5	-65.0	99.7	99.7	-53.0	1.	0.00001	0.00001	0.2233	256.0	28.6
13375.	132.3	-65.0	98.7	98.7	-53.0	1.	0.00001	0.00001	0.2214	256.0	28.8
13429.	131.2	-65.3	98.7	98.7	-53.3	1.	0.00001	0.00001	0.2196	256.0	28.8
13481.	130.0	-65.4	99.8	99.8	-53.6	1.	0.00001	0.00001	0.2175	255.0	28.9
13533.	128.9	-65.4	100.8	100.8	-53.6	1.	0.00001	0.00001	0.2157	255.0	29.0
13585.	127.8	-65.4	101.8	101.8	-53.3	1.	0.00001	0.00001	0.2139	255.0	29.0
13638.	126.7	-65.4	102.8	102.8	-52.9	1.	0.00001	0.00001	0.2119	255.0	29.0
13686.	125.7	-64.7	103.8	103.8	-52.8	1.	0.00001	0.00001	0.2102	254.0	28.9
13740.	124.6	-64.7	104.7	104.7	-52.8	1.	0.00001	0.00001	0.2082	254.0	28.8
13789.	123.6	-64.6	105.4	105.4	-52.9	1.	0.00001	0.00001	0.2067	254.0	28.8
13838.	122.6	-64.9	106.1	106.1	-53.0	1.	0.00001	0.00001	0.2051	254.0	28.7
13893.	121.5	-65.0	106.9	106.9	-53.0	1.	0.00001	0.00001	0.2033	253.0	28.6
13943.	120.5	-65.1	107.6	107.6	-53.1	1.	0.00001	0.00001	0.2018	253.0	28.5
13994.	119.5	-65.1	108.5	108.5	-53.1	1.	0.00001	0.00001	0.2001	253.0	28.5
14050.	118.4	-65.5	109.7	109.7	-53.0	1.	0.00001	0.00001	0.1982	253.0	28.7
14102.	117.4	-64.9	110.8	110.8	-53.0	1.	0.00001	0.00001	0.1965	252.0	27.7
14159.	116.3	-64.8	111.8	111.8	-52.7	1.	0.00001	0.00001	0.1945	252.0	27.6
14212.	115.3	-64.8	112.8	112.8	-52.7	1.	0.00001	0.00001	0.1926	252.0	27.4
14265.	114.3	-64.8	113.8	113.8	-52.7	1.	0.00001	0.00001	0.1908	252.0	27.3
14318.	113.3	-64.3	115.5	115.5	-52.5	1.	0.00001	0.00001	0.1890	252.0	27.2
14367.	112.4	-64.1	117.1	117.1	-52.4	1.	0.00001	0.00001	0.1873	252.0	27.1
14416.	111.5	-63.9	118.4	118.4	-52.2	1.	0.00001	0.00001	0.1856	252.0	27.1
14466.	110.6	-63.7	119.7	119.7	-52.1	1.	0.00001	0.00001	0.1840	252.0	27.0
14522.	109.6	-63.6	120.9	120.9	-52.0	1.	0.00001	0.00001	0.1822	252.0	27.1
14572.	108.7	-63.5	122.0	122.0	-52.0	1.	0.00001	0.00001	0.1806	252.0	27.1
14629.	107.7	-63.6	122.9	122.9	-52.0	1.	0.00001	0.00001	0.1790	252.0	27.2
14685.	106.8	-63.9	123.3	123.3	-52.2	1.	0.00001	0.00001	0.1778	252.0	27.3
14738.	105.8	-64.3	123.9	123.9	-52.5	1.	0.00001	0.00001	0.1765	252.0	27.5
14790.	104.9	-64.6	124.7	124.7	-52.7	1.	0.00001	0.00001	0.1752	252.0	27.8
14848.	103.9	-64.9	125.7	125.7	-52.9	1.	0.00001	0.00001	0.1737	252.0	28.0
14901.	103.0	-64.8	126.6	126.6	-53.0	1.	0.00001	0.00001	0.1723	252.0	28.4
14963.	102.0	-64.7	127.6	127.6	-52.8	1.	0.00001	0.00001	0.1706	252.0	28.6
15014.	101.1	-64.7	128.0	128.0	-52.8	1.	0.00001	0.00001	0.1690	252.0	29.1
15075.	100.1	-64.5	129.5	129.5	-52.7	1.	0.00001	0.00001	0.1671	252.0	29.4
15136.	99.1	-64.4	130.8	130.8	-52.6	1.	0.00001	0.00001	0.1654	252.0	29.8
15194.	98.1	-64.3	132.2	132.2	-52.6	1.	0.00001	0.00001	0.1636	252.0	30.2
15254.	97.2	-64.3	133.7	133.7	-52.5	1.	0.00001	0.00001	0.1621	252.0	30.5
15311.	96.3	-64.3	134.4	134.4	-52.5	1.	0.00001	0.00001	0.1606	252.0	30.9
15369.	95.4	-64.4	135.3	135.3	-52.6	1.	0.00001	0.00001	0.1592	252.0	31.3
15426.	94.5	-64.4	136.4	136.4	-52.6	1.	0.00001	0.00001	0.1577	252.0	31.7
15485.	93.6	-64.3	137.7	137.7	-52.5	1.	0.00001	0.00001	0.1561	252.0	32.1
15547.	92.8	-64.1	139.1	139.1	-52.4	1.	0.00001	0.00001	0.1546	252.0	32.5
15607.	91.8	-63.8	140.8	140.8	-52.1	1.	0.00001	0.00001	0.1529	252.0	32.8
15657.	91.0	-63.5	142.6	142.6	-51.9	1.	0.00001	0.00001	0.1511	252.0	33.1
15711.	90.2	-63.4	143.8	143.8	-51.8	1.	0.00001	0.00001	0.1498	252.0	33.4
15773.	89.3	-63.2	145.4	145.4	-51.7	1.	0.00001	0.00001	0.1482	252.0	33.8
15836.	88.5	-62.9	147.1	147.1	-51.5	1.	0.00001	0.00001	0.1466	252.0	34.0
15884.	87.7	-62.5	149.0	149.0	-51.2	1.	0.00001	0.00001	0.1450	252.0	34.0
15933.	87.0	-62.4	150.2	150.2	-51.1	1.	0.00001	0.00001	0.1438	252.0	34.3
15990.	86.2	-62.4	151.3	151.3	-51.1	1.	0.00001	0.00001	0.1425	252.0	34.5
16048.	85.4	-62.4	152.4	152.4	-51.1	1.	0.00001	0.00001	0.1412	252.0	34.6
16098.	84.7	-62.0	153.8	153.8	-50.9	1.	0.00001	0.00001	0.1399	252.0	34.7
16157.	83.9	-62.2	155.4	155.4	-50.8	1.	0.00001	0.00001	0.1384	252.0	34.8
16204.	83.2	-61.6	156.4	156.4	-50.8	1.	0.00001	0.00001	0.1373	252.0	34.9
16268.	82.4	-61.4	157.8	157.8	-50.7	1.	0.00001	0.00001	0.1359	252.0	35.1
16329.	81.6	-61.3	159.2	159.2	-50.6	1.	0.00001	0.00001	0.1345	252.0	35.1
16389.	80.8	-61.1	160.4	160.4	-50.4	1.	0.00001	0.00001	0.1332	252.0	35.2
16445.	80.1	-61.1	161.5	161.5	-50.4	1.	0.00001	0.00001	0.1320	252.0	35.3
16505.	79.3	-61.6	163.2	163.2	-50.2	1.	0.00001	0.00001	0.1306	252.0	35.3
16560.	78.6	-61.4	164.7	164.7	-50.4	1.	0.00001	0.00001	0.1293	252.0	35.3
16623.	77.8	-61.3	166.2	166.2	-50.3	1.	0.00001	0.00001	0.1279	252.0	35.4
16679.	77.1	-61.3	167.3	167.3	-50.3	1.	0.00001	0.00001	0.1268	252.0	35.4
16744.	76.3	-61.2	168.8	168.8	-50.2	1.	0.00001	0.00001	0.1254	252.0	35.5
16801.	75.6	-61.0	170.4	170.4	-50.1	1.	0.00001	0.00001	0.1241	252.0	35.7
16859.	74.9	-60.8	172.0	172.0	-50.0	1.	0.00001	0.00001	0.1229	252.0	35.8
16909.	74.3	-60.7	173.3	173.3	-50.0	1.	0.00001	0.00001	0.1218	252.0	35.8
16969.	73.6	-60.5	174.9	174.9	-49.9	1.	0.00001	0.00001	0.1206	252.0	36.2
17027.	72.9	-60.3	176.5	176.5	-49.8	1.	0.00001	0.00001	0.1193	252.0	36.2
17087.	72.2	-60.2	178.0	178.0	-49.7	1.	0.00001	0.00001	0.1181	252.0	36.4
17148.	71.5	-60.2	179.7	179.7	-49.7	1.	0.00001	0.00001	0.1167	252.0	36.4
17209.	70.8	-60.1	181.1	181.1	-49.6	1.	0.00001	0.00001	0.1157	252.0	36.6
17271.	70.1	-60.1	182.7	182.7	-49.6	1.	0.00001	0.00001	0.1145	252.0	36.7
17334.	69.3	-59.8	184.6	184.6	-49.5	1.	0.00001	0.00001	0.1130	252.0	36.7
17398.	68.6	-59.6	186.0	186.0	-49.5	1.	0.00001	0.00001	0.1119	252.0	36.7
17475.	67.9	-59.5	187.3	187.3	-49.4	1.	0.00001	0.00001	0.1108	252.0	36.7
17535.	67.2	-59.6	188.4	188.4	-49.3	1.	0.00001	0.00001	0.1097	252.0	36.8
17591.	66.6	-59.9	189.9	189.9	-49.2	1.	0.00001	0.00001	0.1088	252.0	36.7
17646.	65.9	-59.2	191.0	191.0	-49.0	1.	0.00001	0.00001	0.1078	252.0	36.6
17713.	65.3	-59.4	192.7	192.7	-48.9	1.	0.00001	0.00001	0.1069	252.0	36.5
17771.	64.7	-59.0	194.7	194.7	-48.9	1.	0.00001	0.00001	0.1058	252.0	36.4
17829.	64.1	-58.7	197.7	197.7	-48.7	1.	0.00001	0.00001	0.1046	252.0	36.4
17887.	63.5	-58.5	199.7	199.7	-48.7	1.	0.00001	0.00001	0.1034	252.0	36.4
17947.	62.8	-58.4	201.1	201.1	-48.6	1.	0.00001	0.00001	0.1022	252.0	36.4

HEIGHT (M)	FRES (M)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	F (M)	1E+2.440 (S/M)	RHO (KG/M ³)	DIF (C)	SPEED (M/S)
18523.	57.4	-57.5	214.6	214.6	-87.5	1.	0.	0.000000	0.000000	0.000000	0.000000
18589.	56.8	-57.4	216.6	216.6	-87.4	1.	0.	0.000000	0.000000	0.000000	0.000000
18645.	56.3	-57.4	217.6	217.6	-87.4	1.	0.	0.000000	0.000000	0.000000	0.000000
18712.	55.7	-57.3	219.6	219.6	-87.3	1.	0.	0.000000	0.000000	0.000000	0.000000
18769.	55.2	-57.3	220.6	220.6	-87.3	1.	0.	0.000000	0.000000	0.000000	0.000000
18838.	54.6	-57.2	222.1	222.1	-87.3	1.	0.	0.000000	0.000000	0.000000	0.000000
18896.	54.1	-57.2	223.1	223.1	-87.3	1.	0.	0.000000	0.000000	0.000000	0.000000
18955.	53.5	-57.1	224.6	224.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
19026.	52.9	-57.0	226.6	226.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
19086.	52.3	-57.0	227.6	227.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
19146.	51.7	-57.0	228.6	228.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
19207.	51.1	-57.0	229.6	229.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
19269.	50.5	-57.0	231.1	231.1	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
19331.	50.0	-57.0	232.1	232.1	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
19393.	49.4	-57.0	233.1	233.1	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
19444.	48.9	-57.0	234.6	234.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
19508.	48.3	-57.0	236.6	236.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
19560.	47.7	-57.0	237.6	237.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
19625.	47.1	-57.0	239.6	239.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
19681.	46.5	-57.0	240.6	240.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
19731.	45.9	-57.0	242.1	242.1	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
19784.	45.3	-57.0	243.1	243.1	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
19838.	44.7	-57.0	244.6	244.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
19892.	44.1	-57.0	246.6	246.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
19946.	43.5	-57.0	247.6	247.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
20000.	42.9	-57.0	249.6	249.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
20054.	42.3	-57.0	250.6	250.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
20108.	41.7	-57.0	252.1	252.1	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
20161.	41.1	-57.0	253.1	253.1	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
20219.	40.5	-57.0	254.6	254.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
20272.	39.9	-57.0	256.6	256.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
20325.	39.3	-57.0	257.6	257.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
20378.	38.7	-57.0	259.6	259.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
20431.	38.1	-57.0	260.6	260.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
20484.	37.5	-57.0	262.1	262.1	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
20537.	36.9	-57.0	263.1	263.1	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
20590.	36.3	-57.0	264.6	264.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
20643.	35.7	-57.0	266.6	266.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
20696.	35.1	-57.0	267.6	267.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
20749.	34.5	-57.0	269.6	269.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
20802.	33.9	-57.0	270.6	270.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
20855.	33.3	-57.0	272.1	272.1	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
20908.	32.7	-57.0	273.1	273.1	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
20961.	32.1	-57.0	274.6	274.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
21014.	31.5	-57.0	276.6	276.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
21067.	30.9	-57.0	277.6	277.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
21120.	30.3	-57.0	279.6	279.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
21173.	29.7	-57.0	280.6	280.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
21226.	29.1	-57.0	282.1	282.1	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
21279.	28.5	-57.0	283.1	283.1	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
21332.	27.9	-57.0	284.6	284.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
21385.	27.3	-57.0	286.6	286.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
21438.	26.7	-57.0	287.6	287.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
21491.	26.1	-57.0	289.6	289.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
21544.	25.5	-57.0	290.6	290.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
21597.	24.9	-57.0	292.1	292.1	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
21650.	24.3	-57.0	293.1	293.1	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
21703.	23.7	-57.0	294.6	294.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
21756.	23.1	-57.0	296.6	296.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
21809.	22.5	-57.0	297.6	297.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
21862.	21.9	-57.0	299.6	299.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
21915.	21.3	-57.0	300.6	300.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
21968.	20.7	-57.0	302.1	302.1	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
22021.	20.1	-57.0	303.1	303.1	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
22074.	19.5	-57.0	304.6	304.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
22127.	18.9	-57.0	306.6	306.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
22180.	18.3	-57.0	307.6	307.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
22233.	17.7	-57.0	309.6	309.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
22286.	17.1	-57.0	310.6	310.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
22339.	16.5	-57.0	312.1	312.1	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
22392.	15.9	-57.0	313.1	313.1	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
22445.	15.3	-57.0	314.6	314.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
22498.	14.7	-57.0	316.6	316.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
22551.	14.1	-57.0	317.6	317.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
22604.	13.5	-57.0	319.6	319.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
22657.	12.9	-57.0	320.6	320.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
22710.	12.3	-57.0	322.1	322.1	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
22763.	11.7	-57.0	323.1	323.1	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
22816.	11.1	-57.0	324.6	324.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
22869.	10.5	-57.0	326.6	326.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
22922.	9.9	-57.0	327.6	327.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
22975.	9.3	-57.0	329.6	329.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
23028.	8.7	-57.0	330.6	330.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
23081.	8.1	-57.0	332.1	332.1	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
23134.	7.5	-57.0	333.1	333.1	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
23187.	6.9	-57.0	334.6	334.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
23240.	6.3	-57.0	336.6	336.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
23293.	5.7	-57.0	337.6	337.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
23346.	5.1	-57.0	339.6	339.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
23399.	4.5	-57.0	340.6	340.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
23452.	3.9	-57.0	342.1	342.1	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
23505.	3.3	-57.0	343.1	343.1	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
23558.	2.7	-57.0	344.6	344.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
23611.	2.1	-57.0	346.6	346.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
23664.	1.5	-57.0	347.6	347.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
23717.	0.9	-57.0	349.6	349.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000
23770.	0.3	-57.0	350.6	350.6	-87.2	1.	0.	0.000000	0.000000	0.000000	0.000000

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HEIGHT	PKFS (M)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	F (M)	1E+1.4+0.2 (6/7+7)	4+0+0 (4/6+4+3)	114 (1/2)	SPR (M)
1180.6	170.9	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1185.5	169.6	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1190.4	168.3	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1195.3	167.0	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1200.2	165.7	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1205.1	164.4	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1210.0	163.1	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1214.9	161.8	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1219.8	160.5	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1224.7	159.2	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1229.6	157.9	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1234.5	156.6	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1239.4	155.3	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1244.3	154.0	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1249.2	152.7	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1254.1	151.4	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1259.0	150.1	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1263.9	148.8	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1268.8	147.5	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1273.7	146.2	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1278.6	144.9	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1283.5	143.6	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1288.4	142.3	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1293.3	141.0	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1298.2	139.7	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1303.1	138.4	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1308.0	137.1	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1312.9	135.8	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1317.8	134.5	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1322.7	133.2	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1327.6	131.9	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1332.5	130.6	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1337.4	129.3	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1342.3	128.0	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1347.2	126.7	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1352.1	125.4	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1357.0	124.1	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1361.9	122.8	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1366.8	121.5	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1371.7	120.2	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1376.6	118.9	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1381.5	117.6	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1386.4	116.3	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1391.3	115.0	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1396.2	113.7	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1401.1	112.4	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1406.0	111.1	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1410.9	109.8	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1415.8	108.5	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1420.7	107.2	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1425.6	105.9	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1430.5	104.6	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1435.4	103.3	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1440.3	102.0	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1445.2	100.7	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1450.1	99.4	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1455.0	98.1	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1459.9	96.8	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1464.8	95.5	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1469.7	94.2	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1474.6	92.9	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1479.5	91.6	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1484.4	90.3	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1489.3	89.0	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1494.2	87.7	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1499.1	86.4	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1504.0	85.1	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1508.9	83.8	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1513.8	82.5	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1518.7	81.2	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1523.6	79.9	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1528.5	78.6	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1533.4	77.3	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1538.3	76.0	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1543.2	74.7	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1548.1	73.4	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1553.0	72.1	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1557.9	70.8	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1562.8	69.5	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1567.7	68.2	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1572.6	66.9	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1577.5	65.6	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1582.4	64.3	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1587.3	63.0	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1592.2	61.7	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1597.1	60.4	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1602.0	59.1	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1606.9	57.8	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1611.8	56.5	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1616.7	55.2	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1621.6	53.9	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1626.5	52.6	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1631.4	51.3	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1636.3	50.0	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1641.2	48.7	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1646.1	47.4	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1651.0	46.1	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1655.9	44.8	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1660.8	43.5	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1665.7	42.2	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1670.6	40.9	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1675.5	39.6	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1680.4	38.3	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1685.3	37.0	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1690.2	35.7	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1695.1	34.4	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1700.0	33.1	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1704.9	31.8	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1709.8	30.5	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1714.7	29.2	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1719.6	27.9	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1724.5	26.6	-64.4	71.9	71.9	-82.1	7.7	0.0	0.0	0.0	2.8	1.1
1729.4	25.3	-64.4	71.9	71.9	-82.1	7.7	0.0	0.			

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	F (M)	1E+3*RHCV (G/M**3)	RHO (KG/M**3)	PIR (C/G)	SPEED (M/S)
17331.	65.5	-60.7	181.8	181.8	-78.6	7.	0.0027	0.0002	0.1140	264.0	33.7
17375.	65.0	-60.7	182.8	182.8	-78.6	7.	0.0027	0.0004	0.1131	264.0	33.7
17430.	64.4	-60.8	183.7	183.7	-78.6	7.	0.0027	0.0004	0.1122	265.0	33.8
17484.	63.8	-60.8	184.6	184.6	-78.6	7.	0.0027	0.0007	0.1113	265.0	33.8
17538.	63.3	-61.0	185.4	185.4	-78.8	7.	0.0007	0.0007	0.1105	265.0	33.9
17586.	62.7	-60.7	187.2	187.2	-78.6	7.	0.0007	0.0008	0.1094	266.0	34.0
17642.	62.1	-60.3	188.8	188.8	-78.4	7.	0.0007	0.0008	0.1083	266.0	34.1
17689.	61.6	-60.3	189.7	189.7	-78.2	7.	0.0007	0.0008	0.1074	266.0	34.2
17746.	61.0	-60.0	191.9	191.9	-77.7	7.	0.0007	0.0008	0.1063	267.0	34.4
17793.	60.5	-59.4	193.7	193.7	-77.5	7.	0.0007	0.0009	0.1053	267.0	34.4
17840.	60.0	-59.4	195.8	195.8	-77.5	7.	0.0007	0.0009	0.1041	268.0	34.6
17887.	59.4	-59.4	197.6	197.6	-77.6	7.	0.0007	0.0009	0.1033	268.0	34.6
17934.	58.9	-59.6	199.7	199.7	-77.6	7.	0.0007	0.0009	0.1026	268.0	34.6
17981.	58.3	-59.6	201.7	201.7	-77.6	7.	0.0007	0.0009	0.1016	268.0	34.6
18028.	57.8	-59.6	203.7	203.7	-77.6	7.	0.0007	0.0009	0.1007	268.0	34.6
18075.	57.3	-59.6	205.7	205.7	-77.6	7.	0.0007	0.0009	0.0997	268.0	34.6
18122.	56.8	-59.6	207.7	207.7	-77.6	7.	0.0007	0.0009	0.0987	268.0	34.6
18169.	56.3	-59.6	209.7	209.7	-77.6	7.	0.0007	0.0009	0.0977	268.0	34.6
18216.	55.8	-59.6	211.7	211.7	-77.6	7.	0.0007	0.0009	0.0967	268.0	34.6
18263.	55.3	-59.6	213.7	213.7	-77.6	7.	0.0007	0.0009	0.0957	268.0	34.6
18310.	54.8	-59.6	215.7	215.7	-77.6	7.	0.0007	0.0009	0.0947	268.0	34.6
18357.	54.3	-59.6	217.7	217.7	-77.6	7.	0.0007	0.0009	0.0937	268.0	34.6
18404.	53.8	-59.6	219.7	219.7	-77.6	7.	0.0007	0.0009	0.0927	268.0	34.6
18451.	53.3	-59.6	221.7	221.7	-77.6	7.	0.0007	0.0009	0.0914	268.0	34.6
18498.	52.8	-59.6	223.7	223.7	-77.6	7.	0.0007	0.0009	0.0904	268.0	34.6
18545.	52.3	-59.6	225.7	225.7	-77.6	7.	0.0007	0.0009	0.0893	268.0	34.6
18592.	51.8	-59.6	227.7	227.7	-77.6	7.	0.0007	0.0009	0.0884	268.0	34.6
18639.	51.3	-59.6	229.7	229.7	-77.6	7.	0.0007	0.0009	0.0875	268.0	34.6
18686.	50.8	-59.6	231.7	231.7	-77.6	7.	0.0007	0.0009	0.0867	268.0	34.6
18733.	50.3	-59.6	233.7	233.7	-77.6	7.	0.0007	0.0009	0.0859	268.0	34.6
18780.	49.8	-59.6	235.7	235.7	-77.6	7.	0.0007	0.0009	0.0852	268.0	34.6
18827.	49.3	-59.6	237.7	237.7	-77.6	7.	0.0007	0.0009	0.0844	268.0	34.6
18874.	48.8	-59.6	239.7	239.7	-77.6	7.	0.0007	0.0009	0.0835	268.0	34.6
18921.	48.3	-59.6	241.7	241.7	-77.6	7.	0.0007	0.0009	0.0827	268.0	34.6
18968.	47.8	-59.6	243.7	243.7	-77.6	7.	0.0007	0.0009	0.0819	268.0	34.6
19015.	47.3	-59.6	245.7	245.7	-77.6	7.	0.0007	0.0009	0.0811	268.0	34.6
19062.	46.8	-59.6	247.7	247.7	-77.6	7.	0.0007	0.0009	0.0803	268.0	34.6
19109.	46.3	-59.6	249.7	249.7	-77.6	7.	0.0007	0.0009	0.0794	268.0	34.6
19156.	45.8	-59.6	251.7	251.7	-77.6	7.	0.0007	0.0009	0.0787	268.0	34.6
19203.	45.3	-59.6	253.7	253.7	-77.6	7.	0.0007	0.0009	0.0779	268.0	34.6
19250.	44.8	-59.6	255.7	255.7	-77.6	7.	0.0007	0.0009	0.0773	268.0	34.6
19297.	44.3	-59.6	257.7	257.7	-77.6	7.	0.0007	0.0009	0.0766	268.0	34.6
19344.	43.8	-59.6	259.7	259.7	-77.6	7.	0.0007	0.0009	0.0761	268.0	34.6
19391.	43.3	-59.6	261.7	261.7	-77.6	7.	0.0007	0.0009	0.0755	268.0	34.6
19438.	42.8	-59.6	263.7	263.7	-77.6	7.	0.0007	0.0009	0.0747	268.0	34.6
19485.	42.3	-59.6	265.7	265.7	-77.6	7.	0.0007	0.0009	0.0741	268.0	34.6
19532.	41.8	-59.6	267.7	267.7	-77.6	7.	0.0007	0.0009	0.0735	268.0	34.6
19579.	41.3	-59.6	269.7	269.7	-77.6	7.	0.0007	0.0009	0.0729	268.0	34.6
19626.	40.8	-59.6	271.7	271.7	-77.6	7.	0.0007	0.0009	0.0723	268.0	34.6
19673.	40.3	-59.6	273.7	273.7	-77.6	7.	0.0007	0.0009	0.0717	268.0	34.6
19720.	39.8	-59.6	275.7	275.7	-77.6	7.	0.0007	0.0009	0.0711	268.0	34.6
19767.	39.3	-59.6	277.7	277.7	-77.6	7.	0.0007	0.0009	0.0705	268.0	34.6
19814.	38.8	-59.6	279.7	279.7	-77.6	7.	0.0007	0.0009	0.0699	268.0	34.6
19861.	38.3	-59.6	281.7	281.7	-77.6	7.	0.0007	0.0009	0.0693	268.0	34.6
19908.	37.8	-59.6	283.7	283.7	-77.6	7.	0.0007	0.0009	0.0687	268.0	34.6
19955.	37.3	-59.6	285.7	285.7	-77.6	7.	0.0007	0.0009	0.0681	268.0	34.6
20002.	36.8	-59.6	287.7	287.7	-77.6	7.	0.0007	0.0009	0.0675	268.0	34.6
20049.	36.3	-59.6	289.7	289.7	-77.6	7.	0.0007	0.0009	0.0669	268.0	34.6
20096.	35.8	-59.6	291.7	291.7	-77.6	7.	0.0007	0.0009	0.0663	268.0	34.6
20143.	35.3	-59.6	293.7	293.7	-77.6	7.	0.0007	0.0009	0.0657	268.0	34.6
20190.	34.8	-59.6	295.7	295.7	-77.6	7.	0.0007	0.0009	0.0651	268.0	34.6
20237.	34.3	-59.6	297.7	297.7	-77.6	7.	0.0007	0.0009	0.0645	268.0	34.6
20284.	33.8	-59.6	299.7	299.7	-77.6	7.	0.0007	0.0009	0.0639	268.0	34.6
20331.	33.3	-59.6	301.7	301.7	-77.6	7.	0.0007	0.0009	0.0633	268.0	34.6
20378.	32.8	-59.6	303.7	303.7	-77.6	7.	0.0007	0.0009	0.0627	268.0	34.6
20425.	32.3	-59.6	305.7	305.7	-77.6	7.	0.0007	0.0009	0.0621	268.0	34.6
20472.	31.8	-59.6	307.7	307.7	-77.6	7.	0.0007	0.0009	0.0615	268.0	34.6
20519.	31.3	-59.6	309.7	309.7	-77.6	7.	0.0007	0.0009	0.0609	268.0	34.6
20566.	30.8	-59.6	311.7	311.7	-77.6	7.	0.0007	0.0009	0.0603	268.0	34.6
20613.	30.3	-59.6	313.7	313.7	-77.6	7.	0.0007	0.0009	0.0597	268.0	34.6
20660.	29.8	-59.6	315.7	315.7	-77.6	7.	0.0007	0.0009	0.0591	268.0	34.6
20707.	29.3	-59.6	317.7	317.7	-77.6	7.	0.0007	0.0009	0.0585	268.0	34.6
20754.	28.8	-59.6	319.7	319.7	-77.6	7.	0.0007	0.0009	0.0579	268.0	34.6
20801.	28.3	-59.6	321.7	321.7	-77.6	7.	0.0007	0.0009	0.0573	268.0	34.6
20848.	27.8	-59.6	323.7	323.7	-77.6	7.	0.0007	0.0009	0.0567	268.0	34.6
20895.	27.3	-59.6	325.7	325.7	-77.6	7.	0.0007	0.0009	0.0561	268.0	34.6
20942.	26.8	-59.6	327.7	327.7	-77.6	7.	0.0007	0.0009	0.0555	268.0	34.6
20989.	26.3	-59.6	329.7	329.7	-77.6	7.	0.0007	0.0009	0.0549	268.0	34.6
21036.	25.8	-59.6	331.7	331.7	-77.6	7.	0.0007	0.0009	0.0543	268.0	34.6
21083.	25.3	-59.6	333.7	333.7	-77.6	7.	0.0007	0.0009	0.0537	268.0	34.6
21130.	24.8	-59.6	335.7	335.7	-77.6	7.	0.0007	0.0009	0.0531	268.0	34.6
21177.	24.3	-59.6	337.7	337.7	-77.6	7.	0.0007	0.0009	0.0525	268.0	34.6
21224.	23.8	-59.6	339.7	339.7	-77.6	7.	0.0007	0.0009	0.0519	268.0	34.6
21271.	23.3	-59.6	341.7	341.7	-77.6	7.	0.0007	0.0009	0.0513	268.0	34.6
21318.	22.8	-59.6	343.7	343.7	-77.6	7.	0.0007	0.0009	0.0507	268.0	34.6
21365.	22.3	-59.6	345.7	345.7	-77.6	7.	0.0007	0.0009	0.0501	268.0	34.6
21412.	21.8	-59.6	347.7	347.7	-77.6	7.	0.0007	0.0009	0.0495	268.0	34.6
21459.	21.3	-59.6	349.7	349.7	-77.6	7.	0.0007	0.0009	0.0489	268.0	34.6
21506.	20.8	-59.6	351.7	351.7	-77.6	7.	0.0007	0.0009	0.0483	268.0	34.6
21553.	20.3	-59.6	353.7	353.7	-77.6	7.	0.0007	0.0009	0.0477	268.0	34.6
21600.	19.8	-59.6	355.7	355.7	-77.6	7.	0.0007	0.0009	0.0471	268.0	34.6
21647.	19.3	-59.6	357.7	357.7	-77.6	7.	0.0007	0.0009	0.0465	268.0	34.6
21694.	18.8	-59.6	359.7	359.7	-77.6	7.	0.0007	0.0009	0.0459	268.0	34.6
21741.	18.3	-59.6	361.7	361.7	-77.6	7.	0.0007	0.0009	0.0453	268.0	34.6
21788.	17.8	-59.6	363.7	363.7	-77.6	7.	0.0007	0.0009	0.0447	268.0	34.6
21835.	17.3	-59.6	365.7	365.7	-77.6	7.	0.0007	0.0009	0.0441	268.0	34.6
21882.	16.8	-59.6	367.7	367.7	-77.6	7.	0.0007	0.0009	0.0435	268.0	34.6
21929.	16.3	-59.6	369.7	369.7	-77.6	7.	0.0007	0.0009	0.0429	268.0	34.6
21976.	15.8	-59.6	371.7	371.7	-77.6	7.	0.0007	0.0009	0.0423	268.0	34.6
22023.	15.3	-59.6	373.7	373.7	-77.6	7.	0.0007	0.0009	0.0417	268.0	34.6
22070.	14.8	-59.6	375.7	375.7	-77.6	7.	0.0007	0.0009	0.0411	268.0	34.6
22117.	14.3	-59.6	377.7	377.7	-77.6	7.	0.0007	0.0009			

HEIGHT (A)	PRES (M)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	F (M)	1E+2+K+L (G/M+0.2)	4E+0 (KG/M+0.3)	11E (C)	SPEED (M/C)
1183.	843.2	-9.2	3.9	4.1	-11.5	87.	1.8340	1.5880	1.1154	23.0	11.7
1226.	839.2	-9.2	4.7	4.1	-11.4	87.	1.8353	1.6067	1.1179	23.1	11.7
1271.	834.4	-9.7	5.1	4.5	-11.5	85.	1.8314	1.5872	1.1007	23.1	11.7
1316.	830.3	-9.8	5.8	4.8	-11.4	82.	1.8141	1.5170	1.0949	23.1	11.7
1356.	825.5	-9.7	6.6	5.4	-11.5	87.	1.6778	1.3895	1.0886	23.0	11.6
1401.	820.5	-9.5	6.6	6.7	-11.1	87.	1.6296	1.3761	1.0850	23.0	11.6
1443.	816.1	-9.3	6.7	6.7	-11.3	87.	1.6100	1.3531	1.0774	23.0	11.6
1488.	811.1	-9.4	6.7	6.7	-11.3	87.	1.5674	1.3101	1.0729	23.0	11.6
1531.	806.8	-9.7	7.1	7.2	-11.7	88.	1.5466	1.2874	1.0681	23.0	11.6
1578.	801.1	-10.0	7.1	7.3	-11.8	88.	1.5283	1.2632	1.0620	23.0	11.6
1622.	797.3	-10.0	7.7	7.7	-11.3	88.	1.4719	1.2416	1.0535	23.0	11.6
1668.	793.3	-10.0	7.7	7.7	-11.3	88.	1.4340	1.2110	1.0477	23.0	11.6
1714.	788.7	-10.7	8.1	8.8	-10.7	88.	1.4213	1.2007	1.0428	23.0	11.6
1763.	783.7	-11.1	8.4	8.4	-10.6	88.	1.4075	1.1896	1.0366	23.0	11.6
1815.	778.5	-11.1	8.4	8.4	-10.7	88.	1.4166	1.1960	1.0342	23.0	11.6
1867.	772.2	-11.0	8.4	8.6	-10.7	88.	1.3740	1.1664	1.0297	23.0	11.6
1915.	768.0	-11.1	8.7	8.8	-10.7	88.	1.3322	1.1285	1.0248	23.0	11.6
1955.	763.7	-12.1	8.6	8.6	-10.8	88.	1.2750	1.0820	1.0202	23.0	11.6
1997.	759.9	-12.1	9.1	9.1	-11.3	88.	1.2106	1.0371	1.0153	23.0	11.6
2036.	755.9	-12.7	9.4	9.4	-11.3	88.	1.1532	1.0104	1.0104	23.0	11.6
2073.	751.9	-13.0	9.5	9.5	-11.3	88.	1.1143	0.9861	1.0061	23.0	11.6
2108.	747.3	-13.3	9.7	9.7	-11.4	88.	1.0747	0.9634	0.9963	23.0	11.6
2144.	743.4	-14.1	9.8	9.8	-11.4	88.	1.0355	0.9027	0.9925	23.0	11.6
2179.	739.4	-14.4	9.9	9.9	-12.0	88.	0.9990	0.8793	0.9885	23.0	11.6
2214.	735.0	-14.4	9.9	10.0	-12.4	88.	0.9467	0.8564	0.9846	23.0	11.6
2248.	730.6	-15.1	10.0	10.0	-12.4	88.	0.9022	0.8351	0.9765	23.0	11.6
2283.	726.2	-15.1	10.1	10.1	-12.6	88.	0.9745	0.8365	0.9721	23.0	11.6
2317.	721.8	-15.6	10.4	10.5	-12.6	88.	0.9413	0.8080	0.9672	23.0	11.6
2352.	717.4	-15.6	10.5	10.7	-12.7	88.	0.8697	0.7499	0.9620	23.0	11.6
2386.	713.0	-16.4	10.6	10.7	-12.7	88.	0.8012	0.6931	0.9584	23.0	11.6
2421.	708.6	-16.4	10.6	11.0	-12.7	88.	0.7427	0.6444	0.9538	23.0	11.6
2455.	704.2	-16.6	11.1	11.1	-12.8	88.	0.6782	0.5981	0.9488	23.0	11.6
2489.	699.8	-16.6	11.6	11.6	-12.8	88.	0.6137	0.5531	0.9440	23.0	11.6
2524.	695.4	-16.7	12.4	12.4	-13.1	88.	0.5443	0.5025	0.9393	23.0	11.6
2558.	691.0	-16.7	13.1	13.1	-13.1	88.	0.4642	0.4385	0.9347	23.0	11.6
2593.	686.6	-17.2	13.1	13.1	-13.2	88.	0.3878	0.3628	0.9297	23.0	11.6
2627.	682.2	-17.5	13.3	13.3	-13.2	88.	0.3378	0.3025	0.9197	23.0	11.6
2662.	677.8	-17.7	13.3	13.3	-13.5	88.	0.3078	0.3282	0.9156	23.0	11.6
2696.	673.4	-17.7	13.6	13.6	-13.5	88.	0.2809	0.3223	0.9119	23.0	11.6
2731.	669.0	-18.0	13.7	13.7	-13.5	88.	0.2545	0.3245	0.9084	23.0	11.6
2765.	664.6	-18.0	13.7	13.7	-13.5	88.	0.2381	0.3397	0.9023	23.0	11.6
2800.	660.1	-18.5	14.1	14.1	-13.7	88.	0.2217	0.3510	0.8983	23.0	11.6
2834.	655.6	-18.5	14.4	14.4	-13.7	88.	0.2053	0.3547	0.8938	23.0	11.6
2869.	651.2	-19.0	14.4	14.7	-13.7	88.	0.1889	0.3458	0.8898	23.0	11.6
2903.	646.8	-19.0	14.9	14.9	-13.7	88.	0.1725	0.3388	0.8858	23.0	11.6
2938.	642.4	-19.4	15.1	15.1	-13.7	88.	0.1561	0.3320	0.8814	23.0	11.6
2972.	638.0	-19.4	15.4	15.4	-13.7	88.	0.1397	0.3252	0.8770	23.0	11.6
3007.	633.6	-20.0	15.6	15.6	-13.6	88.	0.1233	0.3184	0.8727	23.0	11.6
3041.	629.2	-20.0	15.7	15.7	-13.6	88.	0.1069	0.3116	0.8686	23.0	11.6
3076.	624.8	-20.0	15.8	15.8	-13.9	88.	0.0905	0.3048	0.8644	23.0	11.6
3110.	620.4	-20.0	15.8	15.8	-13.9	88.	0.0741	0.2980	0.8602	23.0	11.6
3145.	616.0	-21.1	16.1	16.1	-13.9	88.	0.0577	0.2912	0.8560	23.0	11.6
3179.	611.6	-21.1	16.2	16.2	-13.9	88.	0.0413	0.2844	0.8518	23.0	11.6
3214.	607.2	-21.1	16.3	16.3	-13.9	88.	0.0249	0.2776	0.8476	23.0	11.6
3248.	602.8	-21.1	16.4	16.4	-13.9	88.	0.0085	0.2708	0.8434	23.0	11.6
3283.	598.4	-21.1	16.4	16.4	-13.9	88.	0.0000	0.2640	0.8392	23.0	11.6
3317.	594.0	-21.1	16.5	16.5	-13.9	88.	0.0000	0.2572	0.8350	23.0	11.6
3352.	589.6	-21.1	16.5	16.5	-13.9	88.	0.0000	0.2504	0.8308	23.0	11.6
3386.	585.2	-21.1	16.6	16.6	-13.9	88.	0.0000	0.2436	0.8266	23.0	11.6
3421.	580.8	-21.1	16.6	16.6	-13.9	88.	0.0000	0.2368	0.8224	23.0	11.6
3455.	576.4	-21.1	16.6	16.6	-13.9	88.	0.0000	0.2300	0.8182	23.0	11.6
3490.	572.0	-21.1	16.6	16.6	-13.9	88.	0.0000	0.2232	0.8140	23.0	11.6
3524.	567.6	-21.1	16.6	16.6	-13.9	88.	0.0000	0.2164	0.8098	23.0	11.6
3559.	563.2	-21.1	16.6	16.6	-13.9	88.	0.0000	0.2096	0.8056	23.0	11.6
3593.	558.8	-21.1	16.6	16.6	-13.9	88.	0.0000	0.2028	0.8014	23.0	11.6
3628.	554.4	-21.1	16.6	16.6	-13.9	88.	0.0000	0.1960	0.7972	23.0	11.6
3662.	550.0	-21.1	16.6	16.6	-13.9	88.	0.0000	0.1892	0.7930	23.0	11.6
3697.	545.6	-21.1	16.6	16.6	-13.9	88.	0.0000	0.1824	0.7888	23.0	11.6
3731.	541.2	-21.1	16.6	16.6	-13.9	88.	0.0000	0.1756	0.7846	23.0	11.6
3766.	536.8	-21.1	16.6	16.6	-13.9	88.	0.0000	0.1688	0.7804	23.0	11.6
3800.	532.4	-21.1	16.6	16.6	-13.9	88.	0.0000	0.1620	0.7762	23.0	11.6
3835.	528.0	-21.1	16.6	16.6	-13.9	88.	0.0000	0.1552	0.7720	23.0	11.6
3869.	523.6	-21.1	16.6	16.6	-13.9	88.	0.0000	0.1484	0.7678	23.0	11.6
3904.	519.2	-21.1	16.6	16.6	-13.9	88.	0.0000	0.1416	0.7636	23.0	11.6
3938.	514.8	-21.1	16.6	16.6	-13.9	88.	0.0000	0.1348	0.7594	23.0	11.6
3973.	510.4	-21.1	16.6	16.6	-13.9	88.	0.0000	0.1280	0.7552	23.0	11.6
4007.	506.0	-21.1	16.6	16.6	-13.9	88.	0.0000	0.1212	0.7510	23.0	11.6
4042.	501.6	-21.1	16.6	16.6	-13.9	88.	0.0000	0.1144	0.7468	23.0	11.6
4076.	497.2	-21.1	16.6	16.6	-13.9	88.	0.0000	0.1076	0.7426	23.0	11.6
4111.	492.8	-21.1	16.6	16.6	-13.9	88.	0.0000	0.1008	0.7384	23.0	11.6
4145.	488.4	-21.1	16.6	16.6	-13.9	88.	0.0000	0.0940	0.7342	23.0	11.6
4180.	484.0	-21.1	16.6	16.6	-13.9	88.	0.0000	0.0872	0.7300	23.0	11.6
4214.	479.6	-21.1	16.6	16.6	-13.9	88.	0.0000	0.0804	0.7258	23.0	11.6
4249.	475.2	-21.1	16.6	16.6	-13.9	88.	0.0000	0.0736	0.7216	23.0	11.6
4283.	470.8	-21.1	16.6	16.6	-13.9	88.	0.0000	0.0668	0.7174	23.0	11.6
4318.	466.4	-21.1	16.6	16.6	-13.9	88.	0.0000	0.0600	0.7132	23.0	11.6
4352.	462.0	-21.1	16.6	16.6	-13.9	88.	0.0000	0.0532	0.7090	23.0	11.6
4387.	457.6	-21.1	16.6	16.6	-13.9	88.	0.0000	0.0464	0.7048	23.0	11.6
4421.	453.2	-21.1	16.6	16.6	-13.9	88.	0.0000	0.0396	0.7006	23.0	11.6
4456.	448.8	-21.1	16.6	16.6	-13.9	88.	0.0000	0.0328	0.6964	23.0	11.6
4490.	444.4	-21.1	16.6	16.6	-13.9	88.	0.0000	0.0260	0.6922	23.0	11.6
4525.	440.0	-21.1	16.6	16.6	-13.9	88.	0.0000	0.0192	0.6880	23.0	11.6
4559.	435.6	-21.1	16.6	16.6	-13.9	88.	0.0000	0.0124	0.6838	23.0	11.6
4594.	431.2	-21.1	16.6	16.6	-13.9	88.	0.0000	0.0056	0.6796	23.0	11.6
4628.	426.8	-21.1	16.6	16.6	-13.9	88.	0.0000	0.0000	0.6754	23.0	11.6
4663.	422.4	-21.1	16.6	16.6	-13.9	88.	0.0000	0.0000	0.6712	23.0	11.6
4697.	418.0	-21.1	16.6	16.6	-13.9	88.	0.0000	0.0000	0.6670	23.0	11.6
4732.	413.6	-21.1	16.6	16.6	-13.9	88.	0.0000	0.0000	0.6628	23.0	11.6
4766.	409.2	-21.1	16.6	16.6	-13.9	88.	0.0000	0.0000	0.6586	23.0	11.6
4801.	404.8	-21.1	16.6	16.6	-13.9	88.	0.0000	0.0000	0.6544	23.0	11.6
4835.	400.4	-21.1	16.6	16.6	-13.9	88.	0.0000	0.0000	0.6502	23.0	11.6
4870.	396.0	-21.1	16.6	16.6	-13.9	88.	0.0000	0.0000	0.6460	23.0	11.6
4904.	391.6	-21.1	16.6	16.6	-13.9	88.	0.0000	0.0000	0.6418	23.0	11.6
4939.	387.2	-21.1	16.6	16.6	-13.9	88.	0.0000	0.0000	0.6376	23.0	

HEIGHT (K)	FRES (M)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	F (M)	1E+3-RH04 (G/4+3)	RHO (KG/M+3)	DIP (C/C)	SPEED (M/S)
5773.	451.9	-37.2	3.1	23.1	-72.5	1.	0.0018	0.0019	0.6666	243.0	14.4
5816.	448.1	-37.2	3.1	23.1	-72.7	1.	0.0017	0.0019	0.6633	243.0	14.4
5850.	446.4	-37.2	3.1	23.1	-72.8	1.	0.0017	0.0019	0.6599	244.0	14.5
5890.	443.9	-37.2	3.1	23.1	-73.1	1.	0.0016	0.0018	0.6573	244.0	14.1
5930.	441.2	-38.8	3.7	23.7	-73.3	1.	0.0016	0.0017	0.6542	244.0	14.0
5970.	438.4	-38.8	3.7	23.7	-73.5	1.	0.0015	0.0017	0.6512	244.0	13.9
6010.	436.3	-38.8	3.7	23.7	-73.6	1.	0.0015	0.0016	0.6480	244.0	13.8
6050.	433.1	-38.8	3.7	23.7	-73.8	1.	0.0014	0.0016	0.6448	244.0	13.7
6090.	429.2	-38.8	3.7	23.7	-73.9	1.	0.0014	0.0016	0.6415	244.0	13.6
6130.	426.7	-38.8	3.7	23.7	-74.1	1.	0.0013	0.0015	0.6384	244.0	13.5
6170.	423.3	-39.9	3.9	24.4	-74.3	1.	0.0013	0.0014	0.6354	244.0	13.4
6210.	420.1	-40.1	4.1	24.6	-74.6	1.	0.0012	0.0014	0.6331	244.0	12.9
6250.	417.1	-40.1	4.1	24.6	-74.8	1.	0.0012	0.0013	0.6306	244.0	12.7
6290.	414.4	-40.1	4.1	24.6	-75.1	1.	0.0011	0.0013	0.6283	247.0	12.4
6330.	412.2	-41.1	4.4	25.5	-75.3	1.	0.0011	0.0013	0.6256	248.0	12.2
6370.	410.8	-41.1	4.4	25.5	-75.4	1.	0.0011	0.0012	0.6227	248.0	12.0
6410.	408.3	-41.1	4.4	25.5	-75.7	1.	0.0011	0.0012	0.6201	248.0	11.7
6450.	406.9	-41.1	4.4	25.5	-75.9	1.	0.0011	0.0012	0.6173	248.0	11.6
6490.	404.6	-42.2	4.4	26.6	-76.3	1.	0.0011	0.0011	0.6148	248.0	11.4
6530.	402.3	-42.2	4.4	26.6	-76.4	1.	0.0011	0.0011	0.6124	248.0	11.2
6570.	400.1	-42.2	4.4	26.6	-76.6	1.	0.0011	0.0011	0.6098	248.0	11.1
6610.	397.7	-42.2	4.4	26.6	-76.8	1.	0.0011	0.0010	0.6072	248.0	10.9
6650.	395.3	-43.7	4.9	27.7	-77.2	1.	0.0010	0.0010	0.6047	248.0	10.8
6690.	393.0	-43.7	4.9	27.7	-77.3	1.	0.0010	0.0010	0.6020	248.0	10.7
6730.	390.6	-44.4	5.3	28.8	-77.5	1.	0.0009	0.0009	0.5993	248.0	10.5
6770.	388.3	-44.4	5.3	28.8	-77.5	1.	0.0009	0.0009	0.5967	248.0	10.6
6810.	386.0	-44.4	5.3	28.8	-77.5	1.	0.0009	0.0009	0.5941	248.0	10.5
6850.	383.7	-44.4	5.3	28.8	-77.5	1.	0.0009	0.0009	0.5914	248.0	10.5
6890.	381.4	-44.4	5.3	28.8	-78.1	1.	0.0008	0.0008	0.5891	248.0	10.5
6930.	379.1	-44.4	5.3	28.8	-78.1	1.	0.0008	0.0008	0.5865	248.0	10.6
6970.	376.8	-44.4	5.3	28.8	-78.1	1.	0.0008	0.0008	0.5842	248.0	10.7
7010.	374.5	-44.4	5.3	28.8	-78.1	1.	0.0007	0.0007	0.5817	248.0	10.7
7050.	372.2	-44.4	5.3	28.8	-78.1	1.	0.0007	0.0007	0.5793	248.0	10.8
7090.	369.9	-44.4	5.3	28.8	-78.1	1.	0.0007	0.0007	0.5774	248.0	10.8
7130.	367.6	-44.4	5.3	28.8	-78.1	1.	0.0007	0.0007	0.5749	248.0	10.9
7170.	365.3	-44.4	5.3	28.8	-78.1	1.	0.0006	0.0006	0.5725	248.0	10.9
7210.	363.0	-44.4	5.3	28.8	-78.1	1.	0.0006	0.0006	0.5708	248.0	11.0
7250.	360.7	-44.4	5.3	28.8	-78.1	1.	0.0006	0.0006	0.5684	248.0	11.0
7290.	358.4	-44.4	5.3	28.8	-78.1	1.	0.0006	0.0006	0.5661	248.0	11.1
7330.	356.1	-44.4	5.3	28.8	-78.1	1.	0.0006	0.0006	0.5636	248.0	11.1
7370.	353.8	-44.4	5.3	28.8	-78.1	1.	0.0005	0.0005	0.5611	248.0	11.1
7410.	351.5	-44.4	5.3	28.8	-78.1	1.	0.0005	0.0005	0.5587	248.0	11.1
7450.	349.2	-44.4	5.3	28.8	-78.1	1.	0.0005	0.0005	0.5561	248.0	11.1
7490.	346.9	-44.4	5.3	28.8	-78.1	1.	0.0005	0.0005	0.5535	248.0	11.1
7530.	344.6	-44.4	5.3	28.8	-78.1	1.	0.0005	0.0005	0.5508	248.0	11.0
7570.	342.3	-44.4	5.3	28.8	-78.1	1.	0.0005	0.0005	0.5481	248.0	11.0
7610.	340.0	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.5466	248.0	11.0
7650.	337.7	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.5441	248.0	11.0
7690.	335.4	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.5416	248.0	10.7
7730.	333.1	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.5392	248.0	10.7
7770.	330.8	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.5368	248.0	10.6
7810.	328.5	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.5344	248.0	10.6
7850.	326.2	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.5320	248.0	10.6
7890.	323.9	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.5296	248.0	10.6
7930.	321.6	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.5272	248.0	10.7
7970.	319.3	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.5248	248.0	10.7
8010.	317.0	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.5224	248.0	10.7
8050.	314.7	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.5200	248.0	10.7
8090.	312.4	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.5176	248.0	10.7
8130.	310.1	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.5152	248.0	10.7
8170.	307.8	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.5128	248.0	10.7
8210.	305.5	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.5104	248.0	10.7
8250.	303.2	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.5080	248.0	10.7
8290.	300.9	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.5056	248.0	10.7
8330.	298.6	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.5032	248.0	10.7
8370.	296.3	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.5008	248.0	10.7
8410.	294.0	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.4984	248.0	10.7
8450.	291.7	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.4960	248.0	10.7
8490.	289.4	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.4936	248.0	10.7
8530.	287.1	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.4912	248.0	10.7
8570.	284.8	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.4888	248.0	10.7
8610.	282.5	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.4864	248.0	10.7
8650.	280.2	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.4840	248.0	10.7
8690.	277.9	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.4816	248.0	10.7
8730.	275.6	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.4792	248.0	10.7
8770.	273.3	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.4768	248.0	10.7
8810.	271.0	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.4744	248.0	10.7
8850.	268.7	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.4720	248.0	10.7
8890.	266.4	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.4696	248.0	10.7
8930.	264.1	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.4672	248.0	10.6
8970.	261.8	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.4648	248.0	10.6
9010.	259.5	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.4624	248.0	10.6
9050.	257.2	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.4600	248.0	10.6
9090.	254.9	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.4576	248.0	10.6
9130.	252.6	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.4552	248.0	10.6
9170.	250.3	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.4528	248.0	10.6
9210.	248.0	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.4504	248.0	10.6
9250.	245.7	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.4480	248.0	10.6
9290.	243.4	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.4456	248.0	10.6
9330.	241.1	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.4432	248.0	10.6
9370.	238.8	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.4408	248.0	10.6
9410.	236.5	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.4384	248.0	10.6
9450.	234.2	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.4360	248.0	10.6
9490.	231.9	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.4336	248.0	10.6
9530.	229.6	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.4312	248.0	10.6
9570.	227.3	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.4288	248.0	10.6
9610.	225.0	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.4264	248.0	10.6
9650.	222.7	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.4240	248.0	10.6
9690.	220.4	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.4216	248.0	10.6
9730.	218.1	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.4192	248.0	10.6
9770.	215.8	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.4168	248.0	10.6
9810.	213.5	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.4144	248.0	10.6
9850.	211.2	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.4120	248.0	10.6
9890.	208.9	-44.4	5.3	28.8	-78.1	1.	0.0004	0.0004	0.4096	248.0	10.6
9930.	206.6	-44.4	5.3								

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	F (M)	10-1-4-4-4 (G/M...S)	4-4-4 (G/M...S)	11F (C/C)	SPEED (M/S)
9925.5	237.0	-66.7	38.6	38.6	-94.2	1.1	0.0	0.00001	0.3995	246.0	14.6
9965.5	235.4	-66.7	38.6	38.6	-94.3	1.1	0.0	0.00001	0.3972	246.0	14.8
10004.5	233.9	-66.7	38.6	38.6	-94.5	1.1	0.0	0.00000	0.3951	246.0	15.0
10043.5	232.4	-67.1	39.4	39.4	-94.6	1.1	0.0	0.00000	0.3929	246.0	15.3
10084.5	230.8	-67.2	40.0	40.0	-94.7	1.1	0.0	0.00000	0.3909	246.0	15.6
10124.5	229.3	-67.4	40.7	40.7	-94.8	1.1	0.0	0.00000	0.3879	246.0	15.8
10161.5	227.9	-67.4	41.1	41.1	-94.8	1.1	0.0	0.00000	0.3859	246.0	16.1
10198.5	226.5	-67.7	41.6	41.6	-94.8	1.1	0.0	0.00000	0.3837	246.0	16.6
10238.5	225.0	-67.7	42.6	42.6	-94.8	1.1	0.0	0.00000	0.3813	246.0	17.0
10278.5	223.5	-67.7	43.4	43.4	-94.7	1.1	0.0	0.00000	0.3784	246.0	17.4
10319.5	222.0	-67.7	44.4	44.4	-94.7	1.1	0.0	0.00000	0.3755	246.0	17.9
10362.5	220.4	-66.8	45.3	45.3	-94.5	1.1	0.0	0.00000	0.3724	246.0	18.4
10403.5	218.9	-66.8	45.9	45.9	-94.4	1.1	0.0	0.00001	0.3695	246.0	18.8
10444.5	217.4	-66.8	46.5	46.5	-94.4	1.1	0.0	0.00001	0.3670	246.0	19.4
10485.5	216.0	-66.8	47.0	47.0	-94.4	1.1	0.0	0.00001	0.3647	246.0	20.0
10526.5	214.5	-66.9	47.5	47.5	-94.5	1.1	0.0	0.00000	0.3623	246.0	20.6
10566.5	213.0	-67.0	47.9	47.9	-94.5	1.1	0.0	0.00000	0.3599	246.0	21.1
10607.5	211.5	-67.0	48.4	48.4	-94.6	1.1	0.0	0.00000	0.3574	246.0	21.7
10648.5	210.0	-67.4	48.9	48.9	-94.7	1.1	0.0	0.00000	0.3550	246.0	22.3
10689.5	208.5	-67.4	49.2	49.2	-94.8	1.1	0.0	0.00000	0.3528	246.0	22.8
10730.5	207.0	-67.7	49.6	49.6	-94.8	1.1	0.0	0.00000	0.3508	246.0	23.3
10771.5	205.5	-67.7	49.9	49.9	-94.8	1.1	0.0	0.00000	0.3488	246.0	23.7
10812.5	204.0	-67.7	50.3	50.3	-94.8	1.1	0.0	0.00000	0.3464	246.0	24.1
10853.5	202.5	-67.7	51.1	51.1	-94.8	1.1	0.0	0.00000	0.3420	246.0	24.5
10894.5	201.0	-67.7	52.1	52.1	-94.8	1.1	0.0	0.00000	0.3396	246.0	25.0
10935.5	199.5	-67.7	52.9	52.9	-94.8	1.1	0.0	0.00000	0.3371	246.0	25.5
10976.5	198.0	-67.7	53.5	53.5	-94.8	1.1	0.0	0.00000	0.3349	246.0	25.9
11017.5	196.5	-67.7	53.9	53.9	-94.8	1.1	0.0	0.00000	0.3328	246.0	26.4
11058.5	195.0	-67.8	54.3	54.3	-94.8	1.1	0.0	0.00000	0.3310	246.0	26.8
11099.5	193.5	-67.8	54.7	54.7	-94.8	1.1	0.0	0.00000	0.3289	246.0	27.3
11140.5	192.0	-67.9	55.4	55.4	-94.8	1.1	0.0	0.00000	0.3269	246.0	27.7
11181.5	190.5	-67.9	56.1	56.1	-94.8	1.1	0.0	0.00000	0.3247	246.0	28.2
11222.5	189.0	-68.0	56.4	56.4	-94.8	1.1	0.0	0.00000	0.3230	246.0	28.6
11263.5	187.5	-68.1	56.8	56.8	-94.8	1.1	0.0	0.00000	0.3214	246.0	29.1
11304.5	186.0	-68.1	57.3	57.3	-94.8	1.1	0.0	0.00000	0.3195	246.0	29.5
11345.5	184.5	-68.1	57.7	57.7	-94.8	1.1	0.0	0.00000	0.3175	246.0	30.0
11386.5	183.0	-68.1	58.5	58.5	-94.8	1.1	0.0	0.00000	0.3153	246.0	30.4
11427.5	181.5	-67.7	59.6	59.6	-94.8	1.1	0.0	0.00000	0.3132	246.0	30.9
11468.5	180.0	-67.7	60.5	60.5	-94.8	1.1	0.0	0.00000	0.3110	246.0	31.3
11509.5	178.5	-67.7	61.1	61.1	-94.8	1.1	0.0	0.00000	0.3091	246.0	31.8
11550.5	177.0	-67.7	61.6	61.6	-94.8	1.1	0.0	0.00000	0.3074	246.0	32.2
11591.5	175.5	-67.7	62.2	62.2	-94.8	1.1	0.0	0.00000	0.3060	246.0	32.7
11632.5	174.0	-67.7	62.7	62.7	-94.8	1.1	0.0	0.00000	0.3041	246.0	33.1
11673.5	172.5	-68.1	63.1	63.1	-94.8	1.1	0.0	0.00000	0.3024	246.0	33.6
11714.5	171.0	-68.1	63.5	63.5	-94.8	1.1	0.0	0.00000	0.3005	246.0	34.0
11755.5	169.5	-68.1	64.1	64.1	-94.8	1.1	0.0	0.00000	0.2987	246.0	34.5
11796.5	168.0	-68.1	64.5	64.5	-94.8	1.1	0.0	0.00000	0.2968	246.0	35.0
11837.5	166.5	-68.1	65.1	65.1	-94.8	1.1	0.0	0.00000	0.2950	246.0	35.4
11878.5	165.0	-67.7	65.6	65.6	-94.8	1.1	0.0	0.00000	0.2932	246.0	35.9
11919.5	163.5	-67.7	66.1	66.1	-94.8	1.1	0.0	0.00000	0.2911	246.0	36.3
11960.5	162.0	-67.7	66.6	66.6	-94.8	1.1	0.0	0.00000	0.2892	246.0	36.8
11999.5	160.5	-67.7	67.1	67.1	-94.8	1.1	0.0	0.00000	0.2869	246.0	37.2
12040.5	159.0	-67.7	67.6	67.6	-94.8	1.1	0.0	0.00000	0.2852	246.0	37.7
12081.5	157.5	-67.7	68.1	68.1	-94.8	1.1	0.0	0.00000	0.2834	246.0	38.1
12122.5	156.0	-67.7	68.6	68.6	-94.8	1.1	0.0	0.00000	0.2813	246.0	38.6
12163.5	154.5	-67.7	69.1	69.1	-94.8	1.1	0.0	0.00000	0.2795	246.0	39.0
12204.5	153.0	-67.7	69.6	69.6	-94.8	1.1	0.0	0.00000	0.2774	246.0	39.5
12245.5	151.5	-67.7	70.1	70.1	-94.8	1.1	0.0	0.00000	0.2755	246.0	40.0
12286.5	150.0	-67.7	70.6	70.6	-94.8	1.1	0.0	0.00000	0.2733	246.0	40.4
12327.5	148.5	-67.7	71.1	71.1	-94.8	1.1	0.0	0.00000	0.2715	246.0	40.9
12368.5	147.0	-67.7	71.6	71.6	-94.8	1.1	0.0	0.00000	0.2698	246.0	41.3
12409.5	145.5	-67.7	72.1	72.1	-94.8	1.1	0.0	0.00000	0.2685	246.0	41.8
12450.5	144.0	-67.7	72.6	72.6	-94.8	1.1	0.0	0.00000	0.2671	246.0	42.2
12491.5	142.5	-67.7	73.1	73.1	-94.8	1.1	0.0	0.00000	0.2656	246.0	42.7
12532.5	141.0	-67.7	73.6	73.6	-94.8	1.1	0.0	0.00000	0.2641	246.0	43.1
12573.5	139.5	-67.7	74.1	74.1	-94.8	1.1	0.0	0.00000	0.2624	246.0	43.6
12614.5	138.0	-67.7	74.6	74.6	-94.8	1.1	0.0	0.00000	0.2608	246.0	44.0
12655.5	136.5	-67.7	75.1	75.1	-94.8	1.1	0.0	0.00000	0.2594	246.0	44.5
12696.5	135.0	-67.7	75.6	75.6	-94.8	1.1	0.0	0.00000	0.2574	246.0	45.0
12737.5	133.5	-67.7	76.1	76.1	-94.8	1.1	0.0	0.00000	0.2555	246.0	45.4
12778.5	132.0	-67.7	76.6	76.6	-94.8	1.1	0.0	0.00000	0.2540	246.0	45.9
12819.5	130.5	-67.7	77.1	77.1	-94.8	1.1	0.0	0.00000	0.2528	246.0	46.3
12860.5	129.0	-67.7	77.6	77.6	-94.8	1.1	0.0	0.00000	0.2511	246.0	46.8
12901.5	127.5	-67.7	78.1	78.1	-94.8	1.1	0.0	0.00000	0.2490	246.0	47.2
12942.5	126.0	-67.7	78.6	78.6	-94.8	1.1	0.0	0.00000	0.2473	246.0	47.7
12983.5	124.5	-67.7	79.1	79.1	-94.8	1.1	0.0	0.00000	0.2453	246.0	48.1
13024.5	123.0	-67.7	79.6	79.6	-94.8	1.1	0.0	0.00000	0.2437	246.0	48.6
13065.5	121.5	-67.7	80.1	80.1	-94.8	1.1	0.0	0.00000	0.2421	246.0	49.0
13106.5	120.0	-67.7	80.6	80.6	-94.8	1.1	0.0	0.00000	0.2404	246.0	49.5
13147.5	118.5	-67.7	81.1	81.1	-94.8	1.1	0.0	0.00000	0.2389	246.0	50.0
13188.5	117.0	-67.7	81.6	81.6	-94.8	1.1	0.0	0.00000	0.2373	246.0	50.4
13229.5	115.5	-67.7	82.1	82.1	-94.8	1.1	0.0	0.00000	0.2359	246.0	50.9
13270.5	114.0	-67.7	82.6	82.6	-94.8	1.1	0.0	0.00000	0.2344	246.0	51.3
13311.5	112.5	-67.7	83.1	83.1	-94.8	1.1	0.0	0.00000	0.2329	246.0	51.8
13352.5	111.0	-67.7	83.6	83.6	-94.8	1.1	0.0	0.00000	0.2314	246.0	52.2
13393.5	109.5	-67.7	84.1	84.1	-94.8	1.1	0.0	0.00000	0.2299	246.0	52.7
13434.5	108.0	-67.7	84.6	84.6	-94.8	1.1	0.0	0.00000	0.2284	246.0	53.1
13475.5	106.5	-67.7	85.1	85.1	-94.8	1.1	0.0	0.00000	0.2270	246.0	53.6
13516.5	105.0	-67.7	85.6	85.6	-94.8	1.1	0.0	0.00000	0.2258	246.0	54.0
13557.5	103.5	-67.7	86.1	86.1	-94.8	1.1	0.0	0.00000	0.2243	246.0	54.5
13598.5	102.0	-67.7	86.6	86.6	-94.8	1.1	0.0	0.00000	0.2230	246.0	55.0
13639.5	100.5	-67.7	87.1	87.1	-94.8	1.1	0.0	0.00000	0.2215	246.0	55.4
13680.5	99.0	-67.7	87.6	87.6	-94.8	1.1	0.0	0.00000	0.2202	246.0	55.9
13721.5	97.5	-67.7	88.1	88.1	-94.8	1.1	0.0	0.00000	0.2187	246.0	56.3
13762.5	96.0	-67.7	88.6	88.6	-94.8	1.1	0.0	0.00000	0.2174	246.0	56.8
13803.5	94.5	-67.7	89.1	89.1	-94.8	1.1	0.0	0.00000	0.2162	246.0	57.2
13844.5	93.0	-67.7	89.6	89.6	-94.8	1.1	0.0	0.00000	0.2149	246.0	57.7
13885.5	91.5	-67.7	90.1	90.1	-94.8	1.1	0.0	0.00000	0.2134	246.0	58.1
13926.5	90.0	-67.7	90.6	90.6	-94.8	1.1	0.0	0.00000	0.2122	246.0	58.6
13967.5	88.5	-67.7	91.1	91.1	-94.8	1.1	0.0	0.00000	0.2109	246.0	59.0
14008.5	87.0	-67.7	91.6	91.6	-94.8	1.1	0.0	0.00000	0.2097	246.0	5

HEIGHT (K)	FRES (M)	T (C)	THETA (C)	THETA V (C)	DEM POINT (C)	REL HUM (%)	F (M)	1E+1+000 (6/4+3)	4+0+3 (6/4+3)	1E (C)	SPEED (M/S)
14121.	118.1	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1977	11.0
14164.	117.3	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1966	11.0
14200.	116.6	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1955	11.0
14242.	115.8	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1944	11.0
14277.	115.1	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1933	11.0
14321.	114.3	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1922	11.0
14355.	113.7	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1911	11.0
14391.	113.0	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1900	11.0
14429.	112.2	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1889	11.0
14465.	111.7	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1878	11.0
14499.	111.0	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1867	11.0
14533.	110.3	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1856	11.0
14578.	109.6	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1845	11.0
14611.	109.0	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1834	11.0
14654.	108.2	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1823	11.0
14688.	107.5	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1812	11.0
14722.	106.9	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1801	11.0
14766.	106.2	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1790	11.0
14810.	105.6	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1779	11.0
14854.	104.9	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1768	11.0
14897.	104.3	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1757	11.0
14941.	103.6	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1746	11.0
14985.	103.0	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1735	11.0
15029.	102.3	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1724	11.0
15073.	101.6	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1713	11.0
15117.	101.0	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1702	11.0
15161.	99.7	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1691	11.0
15205.	99.0	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1680	11.0
15249.	98.4	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1669	11.0
15293.	97.7	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1658	11.0
15337.	97.0	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1647	11.0
15381.	96.4	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1636	11.0
15425.	95.7	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1625	11.0
15469.	95.0	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1614	11.0
15513.	94.4	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1603	11.0
15557.	93.8	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1592	11.0
15601.	93.1	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1581	11.0
15645.	92.5	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1570	11.0
15689.	91.8	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1559	11.0
15733.	91.2	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1548	11.0
15777.	90.5	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1537	11.0
15821.	89.9	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1526	11.0
15865.	89.2	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1515	11.0
15909.	88.6	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1504	11.0
15953.	87.9	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1493	11.0
15997.	87.3	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1482	11.0
16041.	86.6	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1471	11.0
16085.	86.0	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1460	11.0
16129.	85.3	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1449	11.0
16173.	84.7	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1438	11.0
16217.	84.0	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1427	11.0
16261.	83.4	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1416	11.0
16305.	82.7	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1405	11.0
16349.	82.1	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1394	11.0
16393.	81.4	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1383	11.0
16437.	80.8	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1372	11.0
16481.	80.1	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1361	11.0
16525.	79.5	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1350	11.0
16569.	78.8	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1339	11.0
16613.	78.2	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1328	11.0
16657.	77.5	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1317	11.0
16701.	76.9	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1306	11.0
16745.	76.2	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1295	11.0
16789.	75.6	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1284	11.0
16833.	74.9	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1273	11.0
16877.	74.3	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1262	11.0
16921.	73.6	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1251	11.0
16965.	73.0	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1240	11.0
17009.	72.3	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1229	11.0
17053.	71.7	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1218	11.0
17097.	71.0	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1207	11.0
17141.	70.4	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1196	11.0
17185.	69.7	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1185	11.0
17229.	69.1	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1174	11.0
17273.	68.4	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1163	11.0
17317.	67.8	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1152	11.0
17361.	67.1	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1141	11.0
17405.	66.5	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1130	11.0
17449.	65.8	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1119	11.0
17493.	65.2	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1108	11.0
17537.	64.5	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1097	11.0
17581.	63.9	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1086	11.0
17625.	63.2	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1075	11.0
17669.	62.6	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1064	11.0
17713.	61.9	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1053	11.0
17757.	61.3	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1042	11.0
17801.	60.6	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1031	11.0
17845.	60.0	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1020	11.0
17889.	59.3	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	1009	11.0
17933.	58.7	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	998	11.0
17977.	58.0	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	987	11.0
18021.	57.4	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	976	11.0
18065.	56.7	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	965	11.0
18109.	56.1	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	954	11.0
18153.	55.4	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	943	11.0
18197.	54.8	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	932	11.0
18241.	54.1	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	921	11.0
18285.	53.5	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	910	11.0
18329.	52.8	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	899	11.0
18373.	52.2	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	888	11.0
18417.	51.5	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	877	11.0
18461.	50.9	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	866	11.0
18505.	50.2	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	855	11.0
18549.	49.6	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	844	11.0
18593.	48.9	-64.5	119.8	113.9	-0.1	1.	0.	0.	0.	833	11.0

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	P (MB)	1E+3+RH0 (G/M+3)	RH0 (G/M+3)	DIR (DEC)	SPEED (M/S)
18615.	550.0	-55.7	2.5.4	2.5.4	-7.0	1.	0.3001	0.0001	0.0001	251.0	30.1
18669.	550.4	-55.7	2.5.4	2.5.4	-7.0	1.	0.3001	0.0001	0.0001	251.0	30.2
18719.	550.8	-55.7	2.5.4	2.5.4	-7.0	1.	0.3001	0.0001	0.0001	251.0	30.3
18769.	551.2	-55.7	2.5.4	2.5.4	-7.0	1.	0.3001	0.0001	0.0001	251.0	30.4
18819.	551.6	-55.7	2.5.4	2.5.4	-7.0	1.	0.3001	0.0001	0.0001	251.0	30.5
18869.	552.0	-55.7	2.5.4	2.5.4	-7.0	1.	0.3001	0.0001	0.0001	251.0	30.6

SOUNDING 37.1
 LATITUDE -60.2 LONGITUDE 12.7
 DATE 11-2-81 TIME 1136 GMT
 NUMBER OF LEVELS 404

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	P (MB)	1E+3+RH0 (G/M+3)	RH0 (G/M+3)	DIR (DEC)	SPEED (M/S)
3.	543.0	-55.3	-3.7	-3.7	-7.7	82.	4.3394	2.6967	1.2797	355.0	13.0
46.	543.7	-55.3	-3.7	-3.7	-7.7	82.	3.1431	2.6997	1.2741	355.0	13.0
92.	544.4	-55.3	-3.7	-3.7	-7.7	82.	2.0000	2.6553	1.2684	355.0	13.0
138.	545.1	-55.3	-3.7	-3.7	-7.7	82.	0.8569	2.6553	1.2684	355.0	13.0
184.	545.8	-55.3	-3.7	-3.7	-7.7	82.	0.7137	2.6553	1.2684	355.0	13.0
230.	546.5	-55.3	-3.7	-3.7	-7.7	82.	0.5705	2.6553	1.2684	355.0	13.0
276.	547.2	-55.3	-3.7	-3.7	-7.7	82.	0.4273	2.6553	1.2684	355.0	13.0
322.	547.9	-55.3	-3.7	-3.7	-7.7	82.	0.2841	2.6553	1.2684	355.0	13.0
368.	548.6	-55.3	-3.7	-3.7	-7.7	82.	0.1409	2.6553	1.2684	355.0	13.0
414.	549.3	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
460.	550.0	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
506.	550.7	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
552.	551.4	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
598.	552.1	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
644.	552.8	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
690.	553.5	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
736.	554.2	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
782.	554.9	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
828.	555.6	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
874.	556.3	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
920.	557.0	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
966.	557.7	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
1012.	558.4	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
1058.	559.1	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
1104.	559.8	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
1150.	560.5	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
1196.	561.2	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
1242.	561.9	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
1288.	562.6	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
1334.	563.3	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
1380.	564.0	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
1426.	564.7	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
1472.	565.4	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
1518.	566.1	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
1564.	566.8	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
1610.	567.5	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
1656.	568.2	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
1702.	568.9	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
1748.	569.6	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
1794.	570.3	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
1840.	571.0	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
1886.	571.7	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
1932.	572.4	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
1978.	573.1	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
2024.	573.8	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
2070.	574.5	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
2116.	575.2	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
2162.	575.9	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
2208.	576.6	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
2254.	577.3	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
2300.	578.0	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
2346.	578.7	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
2392.	579.4	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
2438.	580.1	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
2484.	580.8	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
2530.	581.5	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
2576.	582.2	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
2622.	582.9	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
2668.	583.6	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
2714.	584.3	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
2760.	585.0	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
2806.	585.7	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
2852.	586.4	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
2898.	587.1	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
2944.	587.8	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
2990.	588.5	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
3036.	589.2	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
3082.	589.9	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
3128.	590.6	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
3174.	591.3	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
3220.	592.0	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
3266.	592.7	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
3312.	593.4	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
3358.	594.1	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
3404.	594.8	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
3450.	595.5	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
3496.	596.2	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
3542.	596.9	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
3588.	597.6	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
3634.	598.3	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
3680.	599.0	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
3726.	599.7	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
3772.	600.4	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
3818.	601.1	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
3864.	601.8	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
3910.	602.5	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
3956.	603.2	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
4002.	603.9	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
4048.	604.6	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
4094.	605.3	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
4140.	606.0	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
4186.	606.7	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
4232.	607.4	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
4278.	608.1	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
4324.	608.8	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
4370.	609.5	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.0	13.0
4416.	610.2	-55.3	-3.7	-3.7	-7.7	82.	0.0000	2.6553	1.2684	355.	

HEIGHT (M)	PRES (hPa)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	P (hPa)	1000-HPa (G/1000)	Q10 (KG/M**3)	WIND (M/S)	SPED (M/S)
4951.1	517.5	-26.5	4.4	4.7	-23.4	82	0.4478	0.1863	0.7313	278.0	17.9
4901.1	517.1	-26.5	4.4	4.7	-23.4	82	0.4478	0.1863	0.7313	277.0	17.9
4851.1	516.7	-26.5	4.4	4.7	-23.4	82	0.4478	0.1863	0.7313	276.0	17.9
4801.1	516.3	-26.5	4.4	4.7	-23.4	82	0.4478	0.1863	0.7313	275.0	17.9
4751.1	515.9	-26.5	4.4	4.7	-23.4	82	0.4478	0.1863	0.7313	274.0	17.9
4701.1	515.5	-26.5	4.4	4.7	-23.4	82	0.4478	0.1863	0.7313	273.0	17.9
4651.1	515.1	-26.5	4.4	4.7	-23.4	82	0.4478	0.1863	0.7313	272.0	17.9
4601.1	514.7	-26.5	4.4	4.7	-23.4	82	0.4478	0.1863	0.7313	271.0	17.9
4551.1	514.3	-26.5	4.4	4.7	-23.4	82	0.4478	0.1863	0.7313	270.0	17.9
4501.1	513.9	-26.5	4.4	4.7	-23.4	82	0.4478	0.1863	0.7313	269.0	17.9
4451.1	513.5	-26.5	4.4	4.7	-23.4	82	0.4478	0.1863	0.7313	268.0	17.9
4401.1	513.1	-26.5	4.4	4.7	-23.4	82	0.4478	0.1863	0.7313	267.0	17.9
4351.1	512.7	-26.5	4.4	4.7	-23.4	82	0.4478	0.1863	0.7313	266.0	17.9
4301.1	512.3	-26.5	4.4	4.7	-23.4	82	0.4478	0.1863	0.7313	265.0	17.9
4251.1	511.9	-26.5	4.4	4.7	-23.4	82	0.4478	0.1863	0.7313	264.0	17.9
4201.1	511.5	-26.5	4.4	4.7	-23.4	82	0.4478	0.1863	0.7313	263.0	17.9
4151.1	511.1	-26.5	4.4	4.7	-23.4	82	0.4478	0.1863	0.7313	262.0	17.9
4101.1	510.7	-26.5	4.4	4.7	-23.4	82	0.4478	0.1863	0.7313	261.0	17.9
4051.1	510.3	-26.5	4.4	4.7	-23.4	82	0.4478	0.1863	0.7313	260.0	17.9
4001.1	509.9	-26.5	4.4	4.7	-23.4	82	0.4478	0.1863	0.7313	259.0	17.9
3951.1	509.5	-26.5	4.4	4.7	-23.4	82	0.4478	0.1863	0.7313	258.0	17.9
3901.1	509.1	-26.5	4.4	4.7	-23.4	82	0.4478	0.1863	0.7313	257.0	17.9
3851.1	508.7	-26.5	4.4	4.7	-23.4	82	0.4478	0.1863	0.7313	256.0	17.9
3801.1	508.3	-26.5	4.4	4.7	-23.4	82	0.4478	0.1863	0.7313	255.0	17.9
3751.1	507.9	-26.5	4.4	4.7	-23.4	82	0.4478	0.1863	0.7313	254.0	17.9
3701.1	507.5	-26.5	4.4	4.7	-23.4	82	0.4478	0.1863	0.7313	253.0	17.9
3651.1	507.1	-26.5	4.4	4.7	-23.4	82	0.4478	0.1863	0.7313	252.0	17.9
3601.1	506.7	-26.5	4.4	4.7	-23.4	82	0.4478	0.1863	0.7313	251.0	17.9
3551.1	506.3	-26.5	4.4	4.7	-23.4	82	0.4478	0.1863	0.7313	250.0	17.9
3501.1	505.9	-26.5	4.4	4.7	-23.4	82	0.4478	0.1863	0.7313	249.0	17.9
3451.1	505.5	-26.5	4.4	4.7	-23.4	82	0.4478	0.1863	0.7313	248.0	17.9
3401.1	505.1	-26.5	4.4	4.7	-23.4	82	0.4478	0.1863	0.7313	247.0	17.9
3351.1	504.7	-26.5	4.4	4.7	-23.4	82	0.4478	0.1863	0.7313	246.0	17.9

HEIGHT (M)	FRES (MF)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	F (M)	1E+2-RH0W (G/M+3)	RH0 (KG/M+3)	DIF (C/G)	SPEED (M/S)
10566.	219.0	-65.5	47.3	47.3	-66.9	82.	0.00341	0.0043	0.3674	275.0	31.4
10616.	217.3	-65.1	47.5	47.5	-67.2	82.	0.00340	0.0042	0.3651	275.0	31.5
10665.	215.8	-66.1	47.8	47.8	-67.7	82.	0.00338	0.0040	0.3627	275.0	31.6
10714.	213.1	-67.1	47.9	47.9	-68.4	82.	0.00335	0.0037	0.3606	275.0	31.7
10762.	210.2	-67.7	47.9	47.9	-68.4	82.	0.00335	0.0035	0.3584	275.0	31.8
10816.	208.5	-67.7	48.1	48.1	-68.8	82.	0.00331	0.0033	0.3559	275.0	31.8
10865.	206.7	-68.4	48.4	48.4	-69.1	82.	0.00330	0.0032	0.3535	275.0	31.8
10917.	204.9	-68.2	48.2	48.2	-69.5	82.	0.00329	0.0031	0.3510	275.0	31.8
10975.	203.3	-68.5	49.4	49.4	-69.6	82.	0.00327	0.0028	0.3483	275.0	31.7
11016.	201.6	-68.8	49.6	49.6	-70.1	82.	0.00326	0.0027	0.3461	275.0	31.8
11061.	200.1	-68.7	50.6	50.6	-70.0	82.	0.00326	0.0028	0.3440	275.0	31.7
11111.	198.5	-68.5	51.6	51.6	-69.8	82.	0.00327	0.0028	0.3410	275.0	31.6
11159.	196.8	-68.2	52.7	52.7	-69.3	82.	0.00326	0.0029	0.3379	275.0	31.5
11211.	195.1	-67.9	54.4	54.4	-69.3	82.	0.00326	0.0029	0.3347	275.0	31.4
11263.	193.7	-67.7	56.0	56.0	-69.2	82.	0.00326	0.0031	0.3284	275.0	31.3
11312.	191.7	-67.8	57.2	57.2	-69.0	82.	0.00326	0.0032	0.3220	275.0	31.2
11368.	189.7	-67.2	58.7	58.7	-68.6	82.	0.00322	0.0034	0.3185	275.0	31.0
11422.	188.6	-67.6	59.8	59.8	-68.4	82.	0.00323	0.0035	0.3153	275.0	31.0
11476.	186.8	-67.7	60.8	60.8	-68.4	82.	0.00323	0.0035	0.3123	275.0	31.0
11533.	184.8	-67.6	61.6	61.6	-68.3	82.	0.00323	0.0036	0.3094	275.0	31.1
11589.	182.2	-68.8	62.7	62.7	-68.2	82.	0.00323	0.0036	0.3067	275.0	31.1
11641.	180.2	-68.6	63.2	63.2	-68.0	82.	0.00323	0.0037	0.3039	275.0	31.1
11691.	178.8	-68.6	65.1	65.1	-67.7	82.	0.00323	0.0038	0.3011	275.0	31.2
11741.	177.4	-68.6	65.2	65.2	-67.4	82.	0.00323	0.0038	0.2991	275.0	31.2
11788.	176.0	-68.6	65.2	65.2	-66.8	82.	0.00323	0.0037	0.2970	275.0	31.6
11836.	174.7	-68.6	65.2	65.2	-66.2	82.	0.00323	0.0037	0.2949	275.0	31.7
11886.	173.3	-68.6	67.4	67.4	-68.1	82.	0.00323	0.0037	0.2924	275.0	31.6
11937.	171.8	-68.6	68.3	68.3	-68.0	82.	0.00323	0.0037	0.2903	275.0	31.6
12004.	170.8	-68.4	69.4	69.4	-67.7	82.	0.00323	0.0037	0.2878	275.0	31.6
12111.	169.5	-66.3	70.3	70.3	-67.7	82.	0.00323	0.0039	0.2855	275.0	31.7
12157.	168.2	-66.3	71.6	71.6	-67.7	82.	0.00323	0.0039	0.2833	275.0	31.7
12200.	166.8	-66.4	71.7	71.7	-67.8	82.	0.00323	0.0039	0.2811	275.0	31.7
12253.	165.4	-66.4	72.2	72.2	-67.8	82.	0.00323	0.0039	0.2787	275.0	31.7
12304.	164.1	-66.3	73.5	73.5	-67.7	82.	0.00323	0.0039	0.2764	275.0	31.6
12354.	162.8	-66.4	74.1	74.1	-67.8	82.	0.00323	0.0039	0.2743	275.0	31.6
12399.	161.6	-66.4	74.5	74.5	-67.8	82.	0.00323	0.0039	0.2723	275.0	31.6
12448.	160.3	-66.4	75.6	75.6	-67.8	82.	0.00323	0.0039	0.2701	275.0	31.6
12493.	159.1	-66.4	76.7	76.7	-67.6	82.	0.00323	0.0039	0.2679	275.0	31.6
12547.	157.7	-66.4	77.8	77.8	-67.4	82.	0.00323	0.0039	0.2656	275.0	31.6
12604.	155.1	-65.7	80.1	80.1	-67.1	82.	0.00323	0.0040	0.2630	275.0	31.6
12649.	153.6	-65.5	81.3	81.3	-66.9	82.	0.00323	0.0041	0.2605	275.0	31.7
12746.	151.6	-65.5	82.1	82.1	-66.9	82.	0.00323	0.0041	0.2580	275.0	31.7
12798.	150.3	-65.5	83.3	83.3	-66.9	82.	0.00323	0.0041	0.2560	275.0	31.7
12853.	148.7	-65.7	83.7	83.7	-67.0	82.	0.00323	0.0041	0.2538	275.0	31.7
12902.	147.5	-65.7	84.6	84.6	-67.1	82.	0.00323	0.0042	0.2518	275.0	31.8
12952.	146.3	-65.7	85.7	85.7	-67.2	82.	0.00323	0.0042	0.2497	275.0	31.8
13002.	145.1	-65.7	86.6	86.6	-67.3	82.	0.00323	0.0042	0.2478	275.0	31.8
13056.	143.7	-65.7	87.7	87.7	-67.4	82.	0.00323	0.0042	0.2459	275.0	31.8
13110.	142.3	-65.7	88.8	88.8	-67.4	82.	0.00323	0.0042	0.2438	275.0	31.8
13170.	140.8	-65.7	89.9	89.9	-67.4	82.	0.00323	0.0042	0.2417	275.0	31.8
13225.	139.4	-65.7	91.1	91.1	-67.4	82.	0.00323	0.0042	0.2394	275.0	31.8
13277.	137.9	-65.7	92.2	92.2	-67.3	82.	0.00323	0.0041	0.2372	275.0	31.8
13328.	136.4	-65.7	93.3	93.3	-67.3	82.	0.00323	0.0041	0.2351	275.0	31.8
13382.	134.9	-65.7	94.4	94.4	-67.3	82.	0.00323	0.0041	0.2330	275.0	31.8
13431.	133.3	-65.7	95.5	95.5	-67.3	82.	0.00323	0.0041	0.2291	275.0	31.8
13475.	131.8	-65.7	96.6	96.6	-67.3	82.	0.00323	0.0042	0.2273	275.0	31.8
13523.	130.3	-65.7	97.7	97.7	-67.1	82.	0.00323	0.0042	0.2255	275.0	31.8
13566.	128.7	-65.7	98.8	98.8	-67.1	82.	0.00323	0.0042	0.2237	275.0	31.8
13611.	127.2	-65.7	99.9	99.9	-67.1	82.	0.00323	0.0042	0.2221	275.0	31.8
13653.	125.7	-65.7	101.1	101.1	-67.1	82.	0.00323	0.0042	0.2207	275.0	31.8
13694.	124.2	-65.7	102.2	102.2	-67.1	82.	0.00323	0.0042	0.2193	275.0	31.8
13741.	122.7	-65.7	103.3	103.3	-67.1	82.	0.00323	0.0042	0.2179	275.0	31.8
13783.	121.2	-65.7	104.4	104.4	-67.1	82.	0.00323	0.0042	0.2167	275.0	31.8
13828.	119.7	-65.7	105.5	105.5	-66.8	82.	0.00323	0.0042	0.2142	275.0	31.8
13875.	118.2	-65.7	106.6	106.6	-66.6	82.	0.00323	0.0043	0.2123	275.0	31.8
13927.	116.7	-65.7	107.7	107.7	-66.6	82.	0.00323	0.0043	0.2104	275.0	31.8
13976.	115.2	-65.7	108.8	108.8	-66.6	82.	0.00323	0.0043	0.2085	275.0	31.8
14034.	113.7	-65.7	109.9	109.9	-66.6	82.	0.00323	0.0043	0.2065	275.0	31.8
14084.	112.2	-65.7	111.1	111.1	-66.6	82.	0.00323	0.0043	0.2048	275.0	31.8
14133.	110.7	-65.7	112.2	112.2	-66.6	82.	0.00323	0.0043	0.2031	275.0	31.8
14184.	109.2	-65.7	113.3	113.3	-66.6	82.	0.00323	0.0043	0.2015	275.0	31.8
14236.	107.7	-65.7	114.4	114.4	-66.6	82.	0.00323	0.0043	0.2000	275.0	31.8
14286.	106.2	-65.7	115.5	115.5	-66.6	82.	0.00323	0.0043	0.1987	275.0	31.8
14335.	104.7	-65.7	116.6	116.6	-66.6	82.	0.00323	0.0043	0.1977	275.0	31.8
14386.	103.2	-65.7	117.7	117.7	-66.6	82.	0.00323	0.0043	0.1965	275.0	31.8
14436.	101.7	-65.7	118.8	118.8	-66.6	82.	0.00323	0.0043	0.1952	275.0	31.8
14486.	100.2	-65.7	119.9	119.9	-66.6	82.	0.00323	0.0043	0.1934	275.0	31.8
14532.	98.7	-65.7	121.1	121.1	-66.6	82.	0.00323	0.0043	0.1918	275.0	31.8
14581.	97.2	-65.7	122.2	122.2	-66.6	82.	0.00323	0.0043	0.1884	275.0	31.8
14631.	95.7	-65.7	123.3	123.3	-66.6	82.	0.00323	0.0043	0.1865	275.0	31.8
14686.	94.2	-65.7	124.4	124.4	-66.6	82.	0.00323	0.0043	0.1847	275.0	31.8
14737.	92.7	-65.7	125.5	125.5	-66.6	82.	0.00323	0.0043	0.1826	275.0	31.8
14787.	91.2	-65.7	126.6	126.6	-66.6	82.	0.00323	0.0043	0.1811	275.0	31.8
14837.	89.7	-65.7	127.7	127.7	-66.6	82.	0.00323	0.0043	0.1795	275.0	31.8
14886.	88.2	-65.7	128.8	128.8	-66.6	82.	0.00323	0.0043	0.1780	275.0	31.8
14936.	86.7	-65.7	129.9	129.9	-66.6	82.	0.00323	0.0043	0.1765	275.0	31.8
14986.	85.2	-65.7	131.1	131.1	-66.6	82.	0.00323	0.0043	0.1750	275.0	31.8
15036.	83.7	-65.7	132.2	132.2	-66.6	82.	0.00323	0.0043	0.1733	275.0	31.8
15086.	82.2	-65.7	133.3	133.3	-66.6	82.	0.00323	0.0043	0.1716	275.0	31.8
15136.	80.7	-65.7	134.4	134.4	-66.6	82.	0.00323	0.0043	0.1702	275.0	31.8
15186.	79.2	-65.7	135.5	135.5	-66.6	82.	0.00323	0.0043	0.1687	275.0	31.8
15236.	77.7	-65.7	136.6	136.6	-66.6	82.	0.00323	0.0043	0.1674	275.0	31.8
15286.	76.2	-65.7	137.7	137.7	-66.6	82.	0.00323	0.0043	0.1662	275.0	31.8
15337.	74.7	-65.7	138.8	138.8	-66.6	82.	0.00323	0.0043	0.1648	275.0	31.8
15386.	73.2	-65.7	139.9	139.9	-66.6	82.	0.00323	0.0043	0.1637	275.0	31.8
15436.	71.7	-65.7	141.1	141.1	-66.6	82.	0.00323	0.0043	0.1625	275.0	31.8
15486.	70.2	-65.7	142.2	142.2	-66.6	82.	0.00323	0.0043	0.1613	275.0	31.8
15536.	68.7	-65.7	143.3	143.3	-66.6	82.	0.00323	0.0043	0.1600	275.0	31.8
15586.	67.2	-65.7	144.4	144.4	-66.6	82.	0.00323	0.0043	0.1585	275.0	31.8
15636.	65.7	-65.7	145.5	145.5	-66.6	82.	0.00323	0.0043	0.1572	275.0	31.8
15686.	64.2	-65.7	146.6	146.6							

HEIGHT (M)	PRES (HP)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	F (MP)	10+3+RHQ (G/M+3)	RHO (KG/M+3)	DPR (C/C)	SPEED (M/S)
16061.	88.6	-62.1	148.6	148.6	-63.5	82.	0.0067	0.0069	0.1463	258.0	44.6
16124.	87.7	-62.1	149.8	149.8	-63.5	82.	0.0067	0.0069	0.1448	258.0	44.4
16181.	86.9	-62.1	151.1	151.1	-63.4	82.	0.0067	0.0070	0.1434	258.0	44.3
16245.	86.0	-62.0	152.4	152.4	-63.4	82.	0.0067	0.0070	0.1419	258.0	44.2
16303.	85.2	-62.0	153.5	153.5	-63.4	82.	0.0067	0.0070	0.1406	259.0	44.2
16361.	84.4	-61.9	154.9	154.9	-63.3	82.	0.0068	0.0071	0.1392	259.0	44.1
16420.	83.6	-61.9	156.0	156.0	-63.3	82.	0.0068	0.0071	0.1379	259.0	44.1
16479.	82.8	-61.8	157.4	157.4	-63.2	82.	0.0069	0.0072	0.1365	259.0	44.2
16532.	82.1	-61.8	158.5	158.5	-63.2	82.	0.0069	0.0072	0.1353	259.0	44.2
16585.	81.4	-61.7	159.9	159.9	-63.2	82.	0.0069	0.0072	0.1342	259.0	44.3
16646.	80.6	-61.7	162.4	162.4	-63.1	82.	0.0070	0.0073	0.1328	259.0	44.4
16707.	79.8	-61.7	163.3	163.3	-63.1	82.	0.0070	0.0073	0.1314	259.0	44.5
16762.	79.1	-61.7	164.1	164.1	-63.1	82.	0.0070	0.0073	0.1303	259.0	44.6
16822.	78.3	-62.0	165.0	165.0	-63.4	82.	0.0067	0.0070	0.1280	259.0	44.8
16880.	77.6	-62.0	166.0	166.0	-63.4	82.	0.0067	0.0070	0.1270	259.0	44.9
16928.	77.0	-61.9	167.4	167.4	-63.3	82.	0.0068	0.0071	0.1258	259.0	45.2
17041.	75.6	-61.9	168.7	168.7	-63.2	82.	0.0069	0.0072	0.1246	259.0	45.3
17090.	75.0	-61.8	169.8	169.8	-63.2	82.	0.0069	0.0072	0.1236	259.0	45.4
17140.	74.4	-61.8	170.6	170.6	-63.3	82.	0.0069	0.0071	0.1227	259.0	45.5
17190.	73.8	-62.1	171.2	171.2	-63.5	82.	0.0067	0.0069	0.1218	259.0	45.5
17248.	73.2	-62.3	172.0	172.0	-63.6	82.	0.0066	0.0068	0.1209	259.0	45.7
17300.	72.5	-62.3	173.0	173.0	-63.7	82.	0.0067	0.0069	0.1198	259.0	45.7
17351.	71.9	-62.1	173.5	173.5	-63.8	82.	0.0067	0.0069	0.1189	259.0	45.8
17402.	71.3	-62.1	175.4	175.4	-63.8	82.	0.0067	0.0069	0.1177	259.0	45.9
17455.	70.7	-61.7	177.5	177.5	-63.1	82.	0.0070	0.0073	0.1165	259.0	45.9
17507.	70.1	-61.4	179.2	179.2	-62.8	82.	0.0073	0.0075	0.1153	259.0	46.0
17561.	69.5	-61.1	181.0	181.0	-62.5	82.	0.0076	0.0079	0.1142	259.0	46.1
17621.	68.8	-61.1	182.5	182.5	-62.4	82.	0.0077	0.0080	0.1130	259.0	46.1
17678.	68.2	-61.2	183.7	183.7	-62.4	82.	0.0077	0.0080	0.1120	259.0	46.1
17733.	67.6	-60.9	185.0	185.0	-62.3	82.	0.0078	0.0081	0.1110	259.0	46.1
17788.	67.0	-60.8	186.4	186.4	-62.2	82.	0.0080	0.0082	0.1099	259.0	46.2
17844.	66.4	-60.8	188.0	188.0	-62.0	82.	0.0082	0.0084	0.1088	259.0	46.2
17910.	65.7	-60.5	190.1	190.1	-61.8	82.	0.0085	0.0087	0.1075	259.0	46.3
17967.	65.1	-60.1	191.7	191.7	-61.6	82.	0.0089	0.0090	0.1065	259.0	46.3
18024.	64.5	-60.0	193.5	193.5	-61.5	82.	0.0091	0.0091	0.1054	259.0	46.3
18081.	63.9	-60.0	194.4	194.4	-61.5	82.	0.0091	0.0093	0.1043	259.0	46.3
18141.	63.3	-60.1	195.5	195.5	-61.5	82.	0.0093	0.0090	0.1035	259.0	46.3
18201.	62.7	-60.1	196.3	196.3	-61.6	82.	0.0095	0.0087	0.1026	259.0	46.2
18261.	62.1	-60.0	197.2	197.2	-61.9	82.	0.0098	0.0085	0.1017	259.0	46.3
18311.	61.6	-60.0	198.3	198.3	-61.9	82.	0.0098	0.0085	0.1009	259.0	46.3
18372.	61.0	-60.0	199.6	199.6	-61.9	82.	0.0098	0.0085	0.1000	259.0	46.3
18423.	60.5	-60.0	200.9	200.9	-61.8	82.	0.0098	0.0086	0.0991	259.0	46.2
18474.	60.0	-60.0	202.3	202.3	-61.8	82.	0.0098	0.0087	0.0982	259.0	46.2
18527.	59.5	-60.0	203.9	203.9	-61.6	82.	0.0097	0.0090	0.0973	259.0	46.3
18580.	59.0	-60.0	205.6	205.6	-61.5	82.	0.0098	0.0091	0.0963	259.0	46.3
18643.	58.4	-60.0	206.6	206.6	-61.5	82.	0.0098	0.0091	0.0955	259.0	46.2
18696.	57.9	-60.0	207.7	207.7	-61.5	82.	0.0098	0.0091	0.0946	259.0	46.2
18750.	57.4	-60.0	208.8	208.8	-61.5	82.	0.0098	0.0091	0.0939	259.0	46.1
18803.	56.9	-60.0	209.9	209.9	-61.5	82.	0.0098	0.0091	0.0930	259.0	46.1
18857.	56.3	-60.0	211.0	211.0	-61.9	82.	0.0098	0.0086	0.0922	259.0	46.0
18910.	55.8	-60.0	212.2	212.2	-62.0	82.	0.0098	0.0085	0.0914	259.0	46.0
18962.	55.3	-60.0	213.4	213.4	-62.0	82.	0.0098	0.0084	0.0906	259.0	46.0
19015.	54.8	-60.0	214.4	214.4	-62.0	82.	0.0098	0.0084	0.0898	259.0	46.0
19069.	54.3	-60.0	215.5	215.5	-62.0	82.	0.0098	0.0084	0.0890	259.0	46.0
19121.	53.8	-60.0	216.4	216.4	-62.1	82.	0.0098	0.0083	0.0882	259.0	46.0
19175.	53.3	-60.0	217.5	217.5	-62.2	82.	0.0098	0.0082	0.0874	259.0	46.0
19227.	52.8	-60.0	218.5	218.5	-62.2	82.	0.0098	0.0082	0.0866	259.0	46.0
19280.	52.3	-60.0	219.6	219.6	-62.2	82.	0.0098	0.0082	0.0857	259.0	46.0
19332.	51.8	-60.0	220.7	220.7	-61.7	82.	0.0098	0.0087	0.0848	259.0	46.0
19385.	51.3	-60.0	221.8	221.8	-61.7	82.	0.0098	0.0087	0.0839	259.0	46.0
19438.	50.8	-60.0	222.9	222.9	-61.7	82.	0.0098	0.0087	0.0830	259.0	46.0
19491.	50.3	-60.0	224.0	224.0	-61.7	82.	0.0098	0.0087	0.0821	259.0	46.0
19544.	49.8	-60.0	225.1	225.1	-61.6	82.	0.0097	0.0087	0.0812	259.0	46.0
19597.	49.3	-60.0	226.2	226.2	-61.6	82.	0.0097	0.0087	0.0803	259.0	46.0
19650.	48.8	-60.0	227.3	227.3	-61.6	82.	0.0097	0.0087	0.0795	259.0	46.0
19703.	48.3	-60.0	228.4	228.4	-61.6	82.	0.0097	0.0087	0.0787	259.0	46.0
19756.	47.8	-60.0	229.5	229.5	-61.6	82.	0.0097	0.0087	0.0779	259.0	46.0
19809.	47.3	-60.0	230.6	230.6	-61.6	82.	0.0097	0.0087	0.0771	259.0	46.0
19862.	46.8	-60.0	231.7	231.7	-61.6	82.	0.0097	0.0087	0.0763	259.0	46.0
19915.	46.3	-60.0	232.8	232.8	-61.6	82.	0.0097	0.0087	0.0755	259.0	46.0
19968.	45.8	-60.0	233.9	233.9	-61.6	82.	0.0097	0.0087	0.0747	259.0	46.0
20021.	45.3	-60.0	235.0	235.0	-61.6	82.	0.0097	0.0087	0.0738	259.0	46.0
20074.	44.8	-60.0	236.1	236.1	-61.6	82.	0.0097	0.0087	0.0730	259.0	46.0
20127.	44.3	-60.0	237.2	237.2	-61.6	82.	0.0097	0.0087	0.0722	259.0	46.0
20180.	43.8	-60.0	238.3	238.3	-61.6	82.	0.0097	0.0087	0.0713	259.0	46.0
20233.	43.3	-60.0	239.4	239.4	-61.6	82.	0.0097	0.0087	0.0706	259.0	46.0
20286.	42.8	-60.0	240.5	240.5	-61.6	82.	0.0097	0.0087	0.0697	259.0	46.0
20339.	42.3	-60.0	241.6	241.6	-61.6	82.	0.0097	0.0087	0.0688	259.0	46.0
20392.	41.8	-60.0	242.7	242.7	-61.6	82.	0.0097	0.0087	0.0681	259.0	46.0
20445.	41.3	-60.0	243.8	243.8	-61.6	82.	0.0097	0.0087	0.0674	259.0	46.0
20498.	40.8	-60.0	244.9	244.9	-61.6	82.	0.0097	0.0087	0.0666	259.0	46.0
20551.	40.3	-60.0	246.0	246.0	-61.6	82.	0.0097	0.0087	0.0658	259.0	46.0
20604.	39.8	-60.0	247.1	247.1	-61.6	82.	0.0097	0.0087	0.0650	259.0	46.0
20657.	39.3	-60.0	248.2	248.2	-61.6	82.	0.0097	0.0087	0.0643	259.0	46.0
20710.	38.8	-60.0	249.3	249.3	-61.6	82.	0.0097	0.0087	0.0635	259.0	46.0
20763.	38.3	-60.0	250.4	250.4	-61.6	82.	0.0097	0.0087	0.0625	259.0	46.0
20816.	37.8	-60.0	251.5	251.5	-61.6	82.	0.0097	0.0087	0.0618	259.0	46.0
20869.	37.3	-60.0	252.6	252.6	-61.6	82.	0.0097	0.0087	0.0613	259.0	46.0
20922.	36.8	-60.0	253.7	253.7	-61.6	82.	0.0097	0.0087	0.0606	259.0	46.0
20975.	36.3	-60.0	254.8	254.8	-61.6	82.	0.0097	0.0087	0.0601	259.0	46.0
21028.	35.8	-60.0	255.9	255.9	-61.6	82.	0.0097	0.0087	0.0594	259.0	46.0

SOUNDING SH.0
 LATITUDE -02.3 LONGITUDE 3.1
 DATE 11-2-61 TIME 0150 GMT
 NUMBER OF LEVELS 444

HEIGHT (M)	PRES (HP)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	F (MP)	10+3+RHQ (G/M+3)	RHO (KG/M+3)	DPR (C/C)	SPEED (M/S)
0.	969.5	-1.4	0.0	1.1	-3.2	80.	4.7756	3.7767	1.2484	302.0	12.0
6.	968.7	-1.5	0.0	1.0	-3.7	80.	4.4874	3.6092	1.2422	301.0	11.7
116.	955.4	-2.0	0.0	1.1	-4.0	81.	4.4477	3.5321	1.2351	299.0	11.5

HEIGHT (M)	FRES (M)	T (C)	THETA (C)	THETA V (C)	DEG POINT (C)	REL HUM (%)	F (M)	1E+2-RHCV (G/M+3)	RHO (KG/M+3)	DIR (DEG)	SPEC (M/F)
173.	948.9	-3.4	0.9	1.4	-4.2	4.0	4.3245	3.4839	1.2276	27.0	14.4
229.	941.1	-3.4	1.4	1.4	-4.4	4.0	4.3347	3.4917	1.2119	27.0	14.4
266.	935.4	-3.4	1.4	1.4	-4.4	4.0	4.2714	3.4435	1.2119	27.0	14.4
343.	920.1	-3.4	1.4	1.4	-4.4	4.0	4.1774	3.3677	1.2053	27.0	14.4
395.	905.7	-3.4	1.4	1.4	-4.4	4.0	4.0625	3.2857	1.1974	27.0	14.4
451.	891.1	-3.4	1.4	1.4	-4.4	4.0	3.9313	3.1981	1.1884	27.0	14.4
511.	876.7	-3.4	1.4	1.4	-4.4	4.0	3.7836	3.1041	1.1784	27.0	14.4
566.	862.1	-3.4	1.4	1.4	-4.4	4.0	3.6300	3.0040	1.1672	27.0	14.4
624.	847.5	-3.4	1.4	1.4	-4.4	4.0	3.4712	2.9011	1.1552	27.0	14.4
678.	832.9	-3.4	1.4	1.4	-4.4	4.0	3.3060	2.7943	1.1422	27.0	14.4
735.	818.3	-3.4	1.4	1.4	-4.4	4.0	3.1344	2.6836	1.1282	27.0	14.4
794.	803.7	-3.4	1.4	1.4	-4.4	4.0	2.9571	2.5691	1.1132	27.0	14.4
855.	789.1	-3.4	1.4	1.4	-4.4	4.0	2.7744	2.4504	1.0972	27.0	14.4
916.	774.5	-3.4	1.4	1.4	-4.4	4.0	2.5860	2.3274	1.0802	27.0	14.4
977.	759.9	-3.4	1.4	1.4	-4.4	4.0	2.3917	2.2001	1.0622	27.0	14.4
1038.	745.3	-3.4	1.4	1.4	-4.4	4.0	2.1924	2.0684	1.0432	27.0	14.4
1099.	730.7	-3.4	1.4	1.4	-4.4	4.0	1.9881	1.9321	1.0232	27.0	14.4
1160.	716.1	-3.4	1.4	1.4	-4.4	4.0	1.7788	1.7912	1.0022	27.0	14.4
1221.	701.5	-3.4	1.4	1.4	-4.4	4.0	1.5645	1.6457	0.9802	27.0	14.4
1282.	686.9	-3.4	1.4	1.4	-4.4	4.0	1.3452	1.4957	0.9572	27.0	14.4
1343.	672.3	-3.4	1.4	1.4	-4.4	4.0	1.1209	1.3402	0.9332	27.0	14.4
1404.	657.7	-3.4	1.4	1.4	-4.4	4.0	0.8916	1.1792	0.9082	27.0	14.4
1465.	643.1	-3.4	1.4	1.4	-4.4	4.0	0.6573	1.0137	0.8822	27.0	14.4
1526.	628.5	-3.4	1.4	1.4	-4.4	4.0	0.4180	0.8427	0.8552	27.0	14.4
1587.	613.9	-3.4	1.4	1.4	-4.4	4.0	0.1737	0.6662	0.8272	27.0	14.4
1648.	599.3	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.4842	0.7982	27.0	14.4
1709.	584.7	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.2962	0.7682	27.0	14.4
1770.	570.1	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.1022	0.7372	27.0	14.4
1831.	555.5	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.7052	27.0	14.4
1892.	540.9	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.6722	27.0	14.4
1953.	526.3	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.6382	27.0	14.4
2014.	511.7	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.6042	27.0	14.4
2075.	497.1	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.5692	27.0	14.4
2136.	482.5	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.5342	27.0	14.4
2197.	467.9	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.4992	27.0	14.4
2258.	453.3	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.4642	27.0	14.4
2319.	438.7	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.4292	27.0	14.4
2380.	424.1	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.3942	27.0	14.4
2441.	409.5	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.3592	27.0	14.4
2502.	394.9	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.3242	27.0	14.4
2563.	380.3	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.2892	27.0	14.4
2624.	365.7	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.2542	27.0	14.4
2685.	351.1	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.2192	27.0	14.4
2746.	336.5	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.1842	27.0	14.4
2807.	321.9	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.1492	27.0	14.4
2868.	307.3	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.1142	27.0	14.4
2929.	292.7	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0792	27.0	14.4
2990.	278.1	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0442	27.0	14.4
3051.	263.5	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0092	27.0	14.4
3112.	248.9	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
3173.	234.3	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
3234.	219.7	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
3295.	205.1	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
3356.	190.5	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
3417.	175.9	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
3478.	161.3	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
3539.	146.7	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
3600.	132.1	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
3661.	117.5	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
3722.	102.9	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
3783.	88.3	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
3844.	73.7	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
3905.	59.1	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
3966.	44.5	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
4027.	29.9	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
4088.	15.3	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
4149.	0.7	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
4210.	-13.9	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
4271.	-29.3	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
4332.	-44.7	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
4393.	-60.1	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
4454.	-75.5	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
4515.	-90.9	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
4576.	-106.3	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
4637.	-121.7	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
4698.	-137.1	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
4759.	-152.5	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
4820.	-167.9	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
4881.	-183.3	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
4942.	-198.7	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
5003.	-214.1	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
5064.	-229.5	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
5125.	-244.9	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
5186.	-260.3	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
5247.	-275.7	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
5308.	-291.1	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
5369.	-306.5	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
5430.	-321.9	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
5491.	-337.3	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
5552.	-352.7	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
5613.	-368.1	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
5674.	-383.5	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
5735.	-398.9	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
5796.	-414.3	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
5857.	-429.7	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
5918.	-445.1	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
5979.	-460.5	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
6040.	-475.9	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
6101.	-491.3	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
6162.	-506.7	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
6223.	-522.1	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
6284.	-537.5	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
6345.	-552.9	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
6406.	-568.3	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
6467.	-583.7	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
6528.	-599.1	-3.4	1.4	1.4	-4.4	4.0	0.0000	0.0000	0.0000	27.0	14.4
6589.	-614.5	-3.4	1.4	1.4	-4.						

HEIGHT (M)	PRES (H)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (M)	1E+3*WIND (G/M*2)	RHO (G/M*3)	DIR (DEG)	SPEED (M/S)
5428.5	433.5	-40.4	7.4	7.4	-5.3	11.	0.0137	0.64486	327.0	28.1	
5572.5	430.7	-40.7	7.4	7.4	-5.3	11.	0.0132	0.64453	328.0	28.1	
5615.5	427.1	-41.1	7.4	7.4	-5.3	11.	0.0126	0.64424	328.0	28.1	
5658.5	423.5	-41.5	7.4	7.4	-5.3	11.	0.0121	0.64396	329.0	28.1	
5701.5	419.9	-41.9	7.4	7.4	-5.3	11.	0.0117	0.64364	329.0	28.1	
5744.5	416.3	-42.3	7.4	7.4	-5.3	11.	0.0113	0.64333	329.0	28.1	
5787.5	412.7	-42.7	7.4	7.4	-5.3	11.	0.0107	0.64302	329.0	28.1	
5830.5	409.1	-43.1	7.4	7.4	-5.3	11.	0.0104	0.64265	329.0	28.1	
5873.5	405.5	-43.5	7.4	7.4	-5.3	11.	0.0101	0.64228	329.0	28.1	
5916.5	401.9	-43.9	7.4	7.4	-5.3	11.	0.0100	0.64175	329.0	28.1	
5959.5	398.3	-44.3	7.4	7.4	-5.3	11.	0.0100	0.64125	329.0	28.1	
6002.5	394.7	-44.7	7.4	7.4	-5.3	11.	0.0099	0.64073	329.0	28.1	
6045.5	391.1	-45.1	7.4	7.4	-5.3	11.	0.0099	0.64029	329.0	28.1	
6088.5	387.5	-45.5	7.4	7.4	-5.3	11.	0.0099	0.63982	329.0	28.1	
6131.5	383.9	-45.9	7.4	7.4	-5.3	11.	0.0098	0.63939	329.0	28.1	
6174.5	380.3	-46.3	7.4	7.4	-5.3	11.	0.0098	0.63894	329.0	28.1	
6217.5	376.7	-46.7	7.4	7.4	-5.3	11.	0.0097	0.63847	329.0	28.1	
6260.5	373.1	-47.1	7.4	7.4	-5.3	11.	0.0097	0.63801	329.0	28.1	
6303.5	369.5	-47.5	7.4	7.4	-5.3	11.	0.0096	0.63755	329.0	28.1	
6346.5	365.9	-47.9	7.4	7.4	-5.3	11.	0.0096	0.63707	329.0	28.1	
6389.5	362.3	-48.3	7.4	7.4	-5.3	11.	0.0096	0.63661	329.0	28.1	
6432.5	358.7	-48.7	7.4	7.4	-5.3	11.	0.0095	0.63613	329.0	28.1	
6475.5	355.1	-49.1	7.4	7.4	-5.3	11.	0.0095	0.63567	329.0	28.1	
6518.5	351.5	-49.5	7.4	7.4	-5.3	11.	0.0094	0.63521	329.0	28.1	
6561.5	347.9	-49.9	7.4	7.4	-5.3	11.	0.0094	0.63474	329.0	28.1	
6604.5	344.3	-50.3	7.4	7.4	-5.3	11.	0.0094	0.63428	329.0	28.1	
6647.5	340.7	-50.7	7.4	7.4	-5.3	11.	0.0093	0.63382	329.0	28.1	
6690.5	337.1	-51.1	7.4	7.4	-5.3	11.	0.0093	0.63336	329.0	28.1	
6733.5	333.5	-51.5	7.4	7.4	-5.3	11.	0.0093	0.63290	329.0	28.1	
6776.5	329.9	-51.9	7.4	7.4	-5.3	11.	0.0092	0.63244	329.0	28.1	
6819.5	326.3	-52.3	7.4	7.4	-5.3	11.	0.0092	0.63198	329.0	28.1	
6862.5	322.7	-52.7	7.4	7.4	-5.3	11.	0.0092	0.63152	329.0	28.1	
6905.5	319.1	-53.1	7.4	7.4	-5.3	11.	0.0091	0.63106	329.0	28.1	
6948.5	315.5	-53.5	7.4	7.4	-5.3	11.	0.0091	0.63060	329.0	28.1	
6991.5	311.9	-53.9	7.4	7.4	-5.3	11.	0.0091	0.63014	329.0	28.1	
7034.5	308.3	-54.3	7.4	7.4	-5.3	11.	0.0090	0.62968	329.0	28.1	
7077.5	304.7	-54.7	7.4	7.4	-5.3	11.	0.0090	0.62922	329.0	28.1	
7120.5	301.1	-55.1	7.4	7.4	-5.3	11.	0.0090	0.62876	329.0	28.1	
7163.5	297.5	-55.5	7.4	7.4	-5.3	11.	0.0089	0.62830	329.0	28.1	
7206.5	293.9	-55.9	7.4	7.4	-5.3	11.	0.0089	0.62784	329.0	28.1	
7249.5	290.3	-56.3	7.4	7.4	-5.3	11.	0.0089	0.62738	329.0	28.1	
7292.5	286.7	-56.7	7.4	7.4	-5.3	11.	0.0088	0.62692	329.0	28.1	
7335.5	283.1	-57.1	7.4	7.4	-5.3	11.	0.0088	0.62646	329.0	28.1	
7378.5	279.5	-57.5	7.4	7.4	-5.3	11.	0.0088	0.62600	329.0	28.1	
7421.5	275.9	-57.9	7.4	7.4	-5.3	11.	0.0087	0.62554	329.0	28.1	
7464.5	272.3	-58.3	7.4	7.4	-5.3	11.	0.0087	0.62508	329.0	28.1	
7507.5	268.7	-58.7	7.4	7.4	-5.3	11.	0.0087	0.62462	329.0	28.1	
7550.5	265.1	-59.1	7.4	7.4	-5.3	11.	0.0086	0.62416	329.0	28.1	
7593.5	261.5	-59.5	7.4	7.4	-5.3	11.	0.0086	0.62370	329.0	28.1	
7636.5	257.9	-59.9	7.4	7.4	-5.3	11.	0.0086	0.62324	329.0	28.1	
7679.5	254.3	-60.3	7.4	7.4	-5.3	11.	0.0085	0.62278	329.0	28.1	
7722.5	250.7	-60.7	7.4	7.4	-5.3	11.	0.0085	0.62232	329.0	28.1	
7765.5	247.1	-61.1	7.4	7.4	-5.3	11.	0.0085	0.62186	329.0	28.1	
7808.5	243.5	-61.5	7.4	7.4	-5.3	11.	0.0084	0.62140	329.0	28.1	
7851.5	239.9	-61.9	7.4	7.4	-5.3	11.	0.0084	0.62094	329.0	28.1	
7894.5	236.3	-62.3	7.4	7.4	-5.3	11.	0.0084	0.62048	329.0	28.1	
7937.5	232.7	-62.7	7.4	7.4	-5.3	11.	0.0083	0.62002	329.0	28.1	
7980.5	229.1	-63.1	7.4	7.4	-5.3	11.	0.0083	0.61956	329.0	28.1	
8023.5	225.5	-63.5	7.4	7.4	-5.3	11.	0.0083	0.61910	329.0	28.1	
8066.5	221.9	-63.9	7.4	7.4	-5.3	11.	0.0082	0.61864	329.0	28.1	
8109.5	218.3	-64.3	7.4	7.4	-5.3	11.	0.0082	0.61818	329.0	28.1	
8152.5	214.7	-64.7	7.4	7.4	-5.3	11.	0.0082	0.61772	329.0	28.1	
8195.5	211.1	-65.1	7.4	7.4	-5.3	11.	0.0081	0.61726	329.0	28.1	
8238.5	207.5	-65.5	7.4	7.4	-5.3	11.	0.0081	0.61680	329.0	28.1	
8281.5	203.9	-65.9	7.4	7.4	-5.3	11.	0.0081	0.61634	329.0	28.1	
8324.5	200.3	-66.3	7.4	7.4	-5.3	11.	0.0080	0.61588	329.0	28.1	
8367.5	196.7	-66.7	7.4	7.4	-5.3	11.	0.0080	0.61542	329.0	28.1	
8410.5	193.1	-67.1	7.4	7.4	-5.3	11.	0.0080	0.61496	329.0	28.1	
8453.5	189.5	-67.5	7.4	7.4	-5.3	11.	0.0079	0.61450	329.0	28.1	
8496.5	185.9	-67.9	7.4	7.4	-5.3	11.	0.0079	0.61404	329.0	28.1	
8539.5	182.3	-68.3	7.4	7.4	-5.3	11.	0.0079	0.61358	329.0	28.1	
8582.5	178.7	-68.7	7.4	7.4	-5.3	11.	0.0078	0.61312	329.0	28.1	
8625.5	175.1	-69.1	7.4	7.4	-5.3	11.	0.0078	0.61266	329.0	28.1	
8668.5	171.5	-69.5	7.4	7.4	-5.3	11.	0.0078	0.61220	329.0	28.1	
8711.5	167.9	-69.9	7.4	7.4	-5.3	11.	0.0077	0.61174	329.0	28.1	
8754.5	164.3	-70.3	7.4	7.4	-5.3	11.	0.0077	0.61128	329.0	28.1	
8797.5	160.7	-70.7	7.4	7.4	-5.3	11.	0.0077	0.61082	329.0	28.1	
8840.5	157.1	-71.1	7.4	7.4	-5.3	11.	0.0076	0.61036	329.0	28.1	
8883.5	153.5	-71.5	7.4	7.4	-5.3	11.	0.0076	0.60990	329.0	28.1	
8926.5	149.9	-71.9	7.4	7.4	-5.3	11.	0.0076	0.60944	329.0	28.1	
8969.5	146.3	-72.3	7.4	7.4	-5.3	11.	0.0075	0.60898	329.0	28.1	
9012.5	142.7	-72.7	7.4	7.4	-5.3	11.	0.0075	0.60852	329.0	28.1	
9055.5	139.1	-73.1	7.4	7.4	-5.3	11.	0.0075	0.60806	329.0	28.1	
9098.5	135.5	-73.5	7.4	7.4	-5.3	11.	0.0074	0.60760	329.0	28.1	
9141.5	131.9	-73.9	7.4	7.4	-5.3	11.	0.0074	0.60714	329.0	28.1	
9184.5	128.3	-74.3	7.4	7.4	-5.3	11.	0.0074	0.60668	329.0	28.1	
9227.5	124.7	-74.7	7.4	7.4	-5.3	11.	0.0073	0.60622	329.0	28.1	
9270.5	121.1	-75.1	7.4	7.4	-5.3	11.	0.0073	0.60576	329.0	28.1	
9313.5	117.5	-75.5	7.4	7.4	-5.3	11.	0.0073	0.60530	329.0	28.1	
9356.5	113.9	-75.9	7.4	7.4	-5.3	11.	0.0072	0.60484	329.0	28.1	
9399.5	110.3	-76.3	7.4	7.4	-5.3	11.	0.0072	0.60438	329.0	28.1	
9442.5	106.7	-76.7	7.4	7.4	-5.3	11.	0.0072	0.60392	329.0	28.1	
9485.5	103.1	-77.1	7.4	7.4	-5.3	11.	0.0071	0.60346	329.0	28.1	
9528.5	99.5	-77.5	7.4	7.4	-5.3	11.	0.0071	0.60300	329.0	28.1	
9571.5	95.9	-77.9	7.4	7.4	-5.3	11.	0.0071	0.60254	329.0	28.1	
9614.5	92.3	-78.3	7.4	7.4	-5.3	11.	0.0070	0.60208	329.0	28.1	
9657.5	88.7	-78.7	7.4	7.4	-5.3	11.	0.0070	0.60162	329.0	28.1	
9700.5	85.1	-79.1	7.4	7.4	-5.3	11.	0.0070	0.60116	329.0	28.1	
9743.5	81.5	-79.5	7.4	7.4	-5.3	11.	0.0069	0.60070	329.0	28.1	
9786.5	77.9	-79.9	7.4	7.4	-5.3	11.	0.0069	0.60024	329.0	28.1	
9829.5	74.3	-80.3	7.4	7.4	-5.3	11.	0.0069	0.59978	329.0	28.1	
9872.5	70.7	-80.7	7.4	7.4	-5.3	11.	0.0068	0.59932	329.0	28.1	
9915.5	67.1	-81.1	7.4	7.4	-5.3	11.	0.0068	0.59886	329.0	28.1	
9958.5	63.5	-81.5	7.4	7.4	-5.3	11.	0.0068	0.59840	329.0	28.1	
10001.5	59.9	-81.9	7.4	7.4	-5.3	11.	0.0067	0.59794	329.0	28.1	
10044.5	56.3	-82.3	7.4	7.4	-5.3	11.	0.0067	0.59748	329.0	28.1	
10087.5	52.7	-82.7	7.4	7.4	-5.3	11.	0.0067	0.59702	329.0	28.1	
10130.5	49.1	-83.1	7.4	7.4	-5.3	11.	0.0066	0.59656	329.0	28.1	
10173.5	45.5	-83.5	7.4	7.4	-5.3	11.	0.0066	0.59610	329.0	28.1	
10216.5	41.9	-83.9	7.4	7.4	-5.3	11.	0.0066	0.59564	329.0	28.1	
10259.5	38.3	-84.3	7.4	7.4	-5.3	11.	0.0065	0.59518	329.0	28.1	
10302.5	34.7	-84.7	7.4	7.4	-5.3	11.	0.0065	0.59472	329.0	28.1	
10345.5	31.1	-85.1	7.4	7.4	-5.3	11.	0.0065	0.59426	329.0	28.1	
10388.5	2										

HEIGHT (M)	PRES (H)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (M)	1E+3-RH0W (G/M+3)	RHO (KG/M+3)	DIR (DEG)	SPEED (M/S)
10836.	202.6	-57.9	66.5	66.5	-73.3	11.	0.0016	0.0017	0.3279	304.0	27.9
10863.	201.1	-57.7	67.5	67.5	-73.2	11.	0.0016	0.0018	0.3252	304.0	27.7
10927.	199.7	-57.5	68.5	68.5	-73.0	11.	0.0017	0.0018	0.3226	304.0	27.5
10971.	198.3	-57.4	69.3	69.3	-72.9	11.	0.0017	0.0018	0.3202	302.0	27.2
11016.	196.9	-57.3	69.9	69.9	-73.0	11.	0.0017	0.0018	0.3181	300.0	27.1
11061.	195.5	-57.2	70.3	70.3	-73.2	11.	0.0016	0.0018	0.3161	299.0	26.9
11106.	194.1	-57.9	70.6	70.6	-73.3	11.	0.0016	0.0017	0.3141	297.0	26.8
11149.	192.8	-58.1	71.0	71.0	-73.5	11.	0.0015	0.0017	0.3123	296.0	26.9
11194.	191.3	-58.2	71.6	71.6	-73.6	11.	0.0015	0.0016	0.3100	295.0	27.1
11241.	190.0	-58.2	72.3	72.3	-73.6	11.	0.0015	0.0016	0.3079	293.0	27.3
11284.	188.7	-58.1	73.1	73.1	-73.5	11.	0.0015	0.0017	0.3057	292.0	27.5
11330.	187.3	-58.1	73.8	73.8	-73.5	11.	0.0015	0.0017	0.3034	291.0	27.9
11374.	186.0	-58.2	74.4	74.4	-73.6	11.	0.0015	0.0016	0.3014	290.0	28.4
11418.	184.7	-58.4	74.7	74.7	-73.8	11.	0.0015	0.0016	0.2996	289.0	28.9
11459.	183.5	-58.5	75.2	75.2	-73.8	11.	0.0015	0.0016	0.2978	288.0	29.4
11505.	182.3	-58.6	75.7	75.7	-73.9	11.	0.0014	0.0016	0.2960	288.0	31.0
11553.	181.1	-58.6	76.3	76.3	-74.0	11.	0.0014	0.0015	0.2942	287.0	31.6
11598.	179.9	-58.7	76.9	76.9	-74.0	11.	0.0014	0.0015	0.2922	286.0	32.0
11629.	178.6	-58.7	77.6	77.6	-74.0	11.	0.0014	0.0015	0.2901	285.0	33.2
11671.	177.4	-58.6	78.4	78.4	-73.9	11.	0.0014	0.0015	0.2880	284.0	33.8
11714.	176.2	-58.7	79.0	79.0	-74.0	11.	0.0014	0.0015	0.2862	284.0	34.1
11757.	175.0	-58.9	79.3	79.3	-74.2	11.	0.0014	0.0015	0.2845	284.0	34.3
11796.	173.4	-59.1	79.6	79.6	-74.4	11.	0.0013	0.0015	0.2830	284.0	34.7
11839.	172.7	-59.3	80.0	80.0	-74.5	11.	0.0013	0.0014	0.2813	284.0	34.8
11879.	171.6	-59.4	80.5	80.5	-74.6	11.	0.0013	0.0014	0.2797	284.0	34.9
11921.	170.4	-59.5	81.0	81.0	-74.7	11.	0.0013	0.0014	0.2778	284.0	35.0
11971.	169.1	-59.5	81.6	81.6	-74.8	11.	0.0013	0.0014	0.2759	284.0	35.1
12012.	168.0	-59.5	82.3	82.3	-74.8	11.	0.0013	0.0014	0.2741	284.0	35.2
12056.	166.8	-59.6	83.0	83.0	-74.8	11.	0.0013	0.0014	0.2724	284.0	35.3
12098.	165.7	-59.6	83.7	83.7	-74.8	11.	0.0013	0.0014	0.2703	284.0	35.4
12139.	164.6	-59.6	84.4	84.4	-74.8	11.	0.0013	0.0014	0.2685	284.0	35.5
12181.	163.5	-59.5	85.2	85.2	-74.7	11.	0.0013	0.0014	0.2666	284.0	35.6
12223.	162.4	-59.5	86.1	86.1	-74.6	11.	0.0013	0.0014	0.2647	284.0	35.7
12262.	161.4	-59.5	86.9	86.9	-74.5	11.	0.0013	0.0014	0.2629	284.0	35.8
12305.	160.3	-59.5	87.8	87.8	-74.4	11.	0.0013	0.0014	0.2610	284.0	35.9
12352.	159.1	-59.5	88.6	88.6	-74.4	11.	0.0013	0.0014	0.2591	284.0	36.0
12399.	158.0	-59.5	89.5	89.5	-74.4	11.	0.0013	0.0014	0.2573	284.0	36.1
12439.	156.9	-59.5	90.0	90.0	-74.4	11.	0.0013	0.0014	0.2555	284.0	36.2
12487.	155.7	-59.5	90.8	90.8	-74.4	11.	0.0013	0.0014	0.2535	284.0	36.3
12533.	154.5	-59.5	91.4	91.4	-74.4	11.	0.0013	0.0014	0.2517	284.0	36.4
12578.	153.4	-59.5	92.0	92.0	-74.4	11.	0.0013	0.0014	0.2499	284.0	36.5
12625.	152.3	-59.5	92.5	92.5	-74.4	11.	0.0013	0.0014	0.2481	284.0	36.6
12672.	151.2	-59.5	93.0	93.0	-74.4	11.	0.0013	0.0014	0.2464	284.0	36.7
12711.	150.2	-59.5	94.0	94.0	-74.7	11.	0.0013	0.0014	0.2449	284.0	36.8
12744.	149.3	-59.5	94.6	94.6	-74.7	11.	0.0013	0.0014	0.2434	284.0	36.9
12795.	148.2	-59.5	95.3	95.3	-74.8	11.	0.0013	0.0014	0.2418	284.0	37.0
12836.	147.2	-59.5	95.8	95.8	-74.9	11.	0.0012	0.0014	0.2402	284.0	37.1
12886.	146.2	-59.5	96.3	96.3	-75.0	11.	0.0012	0.0013	0.2387	284.0	37.2
12923.	145.2	-59.5	97.1	97.1	-75.0	11.	0.0012	0.0013	0.2371	284.0	37.3
12966.	144.2	-59.5	97.8	97.8	-75.0	11.	0.0012	0.0013	0.2355	284.0	37.4
13009.	143.2	-59.5	98.4	98.4	-75.0	11.	0.0012	0.0013	0.2339	284.0	37.5
13053.	142.2	-59.5	99.1	99.1	-75.0	11.	0.0012	0.0013	0.2323	284.0	37.6
13097.	141.2	-59.5	99.9	99.9	-75.0	11.	0.0012	0.0013	0.2307	284.0	37.7
13141.	140.2	-59.5	100.0	100.0	-75.0	11.	0.0012	0.0013	0.2289	284.0	37.8
13182.	139.3	-59.5	100.7	100.7	-74.9	11.	0.0012	0.0014	0.2273	284.0	37.9
13222.	138.4	-59.5	101.2	101.2	-74.9	11.	0.0012	0.0014	0.2259	284.0	38.0
13265.	137.5	-59.5	101.9	101.9	-75.0	11.	0.0012	0.0013	0.2245	284.0	38.1
13305.	136.6	-59.5	102.4	102.4	-75.1	11.	0.0012	0.0013	0.2231	284.0	38.2
13346.	135.7	-59.5	103.1	103.1	-75.1	11.	0.0012	0.0013	0.2215	284.0	38.3
13385.	134.8	-59.5	103.9	103.9	-75.1	11.	0.0012	0.0013	0.2198	284.0	38.4
13427.	133.9	-59.5	104.5	104.5	-75.1	11.	0.0012	0.0013	0.2182	284.0	38.5
13471.	133.0	-59.5	105.7	105.7	-75.1	11.	0.0012	0.0013	0.2166	284.0	38.6
13513.	132.1	-59.5	107.1	107.1	-75.2	11.	0.0012	0.0013	0.2152	284.0	38.7
13554.	131.2	-59.5	107.7	107.7	-75.3	11.	0.0012	0.0013	0.2136	284.0	38.8
13598.	130.3	-59.5	108.6	108.6	-75.3	11.	0.0012	0.0013	0.2120	284.0	38.9
13631.	129.7	-59.5	109.1	109.1	-75.4	11.	0.0012	0.0013	0.2104	284.0	39.0
13675.	128.7	-59.5	109.9	109.9	-75.4	11.	0.0012	0.0013	0.2092	284.0	39.1
13718.	127.8	-59.5	111.1	111.1	-75.5	11.	0.0012	0.0013	0.2074	284.0	39.2
13761.	126.9	-59.5	111.6	111.6	-75.5	11.	0.0012	0.0013	0.2059	284.0	39.3
13812.	126.0	-59.5	112.2	112.2	-75.5	11.	0.0012	0.0013	0.2043	284.0	39.4
13859.	125.1	-59.5	113.0	113.0	-75.6	11.	0.0012	0.0013	0.2027	284.0	39.5
13901.	124.1	-59.5	114.0	114.0	-75.6	11.	0.0012	0.0013	0.2014	284.0	39.6
13947.	123.2	-59.5	115.1	115.1	-75.7	11.	0.0012	0.0013	0.2000	284.0	39.7
13992.	122.3	-59.5	115.6	115.6	-75.7	11.	0.0012	0.0013	0.1987	284.0	39.8
14036.	121.4	-59.5	116.1	116.1	-75.8	11.	0.0012	0.0012	0.1975	284.0	39.9
14083.	120.5	-59.5	116.6	116.6	-75.8	11.	0.0012	0.0012	0.1961	284.0	40.0
14126.	119.7	-59.5	117.7	117.7	-75.8	11.	0.0012	0.0012	0.1946	284.0	40.1
14173.	118.7	-59.5	118.3	118.3	-75.7	11.	0.0012	0.0012	0.1932	284.0	40.2
14220.	117.8	-59.5	119.0	119.0	-75.7	11.	0.0012	0.0012	0.1918	284.0	40.3
14268.	116.9	-59.5	119.6	119.6	-75.7	11.	0.0012	0.0012	0.1905	284.0	40.4
14316.	116.1	-59.5	120.0	120.0	-75.7	11.	0.0012	0.0012	0.1891	284.0	40.5
14364.	115.2	-59.5	121.1	121.1	-75.7	11.	0.0012	0.0012	0.1876	284.0	40.6
14413.	114.4	-59.5	122.2	122.2	-75.7	11.	0.0012	0.0012	0.1863	284.0	40.7
14456.	113.5	-59.5	123.0	123.0	-75.7	11.	0.0012	0.0012	0.1848	284.0	40.8
14500.	112.6	-59.5	124.1	124.1	-76.0	11.	0.0011	0.0011	0.1836	284.0	40.9
14555.	111.8	-59.5	125.5	125.5	-76.0	11.	0.0011	0.0011	0.1824	284.0	41.0
14595.	111.0	-59.5	126.4	126.4	-76.3	11.	0.0011	0.0011	0.1812	284.0	41.1
14639.	110.2	-59.5	126.6	126.6	-76.3	11.	0.0011	0.0011	0.1798	284.0	41.2
14684.	109.3	-59.5	126.9	126.9	-76.4	11.	0.0011	0.0011	0.1785	284.0	41.3
14728.	108.7	-59.5	126.6	126.6	-76.4	11.	0.0011	0.0011	0.1773	284.0	41.4
14771.	107.7	-59.5	126.7	126.7	-76.5	11.	0.0011	0.0011	0.1760	284.0	41.5
14816.	106.9	-59.5	126.8	126.8	-76.5	11.	0.0011	0.0011	0.1747	284.0	41.6
14874.	106.1	-59.5	126.8	126.8	-76.6	11.	0.0011	0.0011	0.1736	284.0	41.7
14911.	105.4	-59.5	126.8	126.8	-76.6	11.	0.0011	0.0011	0.1723	284.0	41.8
14966.	104.6	-59.5	126.8	126.8	-76.7	11.	0.0011	0.0011	0.1713	284.0	41.9
15004.	103.9	-59.5	126.8	126.8	-76.7	11.	0.0011	0.0011	0.1699	284.0	42.0
15051.	103.1	-59.5	126.8	126.8	-76.7	11.	0.0011	0.0011	0.1686	284.0	42.1
15099.	102.3	-59.5	126.8	126.8	-76.7	11.	0.0011	0.0011	0.1675	284.0	42.2
15144.	101.6	-59.5	126.8	126.8	-76.7	11.	0.0011	0.0011	0.1661	284.0	42.3
15191.	100.9	-59.5	126.8	126.8	-76.7	11.	0.0011	0.0011	0.1650	284.0	42.4
15237.	100.2	-59.5	126.8	126.8	-76.7	11.	0.0011	0.0011	0.1638	284.0	42.

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA (C)	DEW POINT (C)	REL HUM (%)	F (M)	1E+1-4 (G/M+2)	RHO (KG/M+3)	DIR (DEG)	SPEED (M/S)
15694.	92.9	-62.1	142.9	142.9	-76.4	11.	0.00039	0.00010	0.1533	274.0	45.1
15741.	92.2	-61.9	144.2	144.2	-76.8	11.	0.00039	0.00010	0.1520	274.0	45.6
15786.	91.5	-61.7	145.3	145.3	-76.7	11.	0.00039	0.00010	0.1508	274.0	46.1
15836.	90.8	-61.7	146.4	146.4	-76.6	11.	0.00039	0.00010	0.1496	273.0	46.6
15883.	90.1	-61.7	147.7	147.7	-76.4	11.	0.00039	0.00011	0.1483	273.0	47.1
15932.	89.4	-61.7	149.0	149.0	-76.2	11.	0.00039	0.00011	0.1469	274.0	47.6
15980.	88.7	-61.7	150.3	150.3	-76.0	11.	0.00039	0.00011	0.1457	273.0	48.1
16028.	88.0	-61.7	151.6	151.6	-76.0	11.	0.00039	0.00011	0.1447	273.0	48.6
16072.	87.3	-61.7	152.4	152.4	-76.0	11.	0.00039	0.00011	0.1435	273.0	49.1
16122.	86.6	-60.4	153.6	153.6	-75.9	11.	0.00039	0.00012	0.1423	273.0	49.6
16165.	86.0	-60.4	154.6	154.6	-75.8	11.	0.00039	0.00012	0.1412	273.0	50.1
16208.	85.3	-60.4	155.9	155.9	-75.7	11.	0.00039	0.00012	0.1401	273.0	50.6
16252.	84.6	-60.4	157.2	157.2	-75.5	11.	0.00039	0.00012	0.1390	272.0	51.1
16296.	84.0	-60.4	158.0	158.0	-75.5	11.	0.00039	0.00012	0.1380	272.0	51.6
16341.	83.3	-60.4	158.7	158.7	-75.6	11.	0.00039	0.00012	0.1371	272.0	52.1
16385.	83.1	-60.4	159.6	159.6	-75.6	11.	0.00039	0.00012	0.1361	272.0	52.6
16430.	82.2	-60.4	160.5	160.5	-75.6	11.	0.00039	0.00012	0.1352	272.0	53.1
16474.	82.0	-60.4	161.5	161.5	-75.5	11.	0.00039	0.00012	0.1343	272.0	53.6
16518.	81.3	-60.4	162.8	162.8	-75.3	11.	0.00039	0.00012	0.1332	272.0	54.1
16562.	80.6	-60.4	164.1	164.1	-75.1	11.	0.00039	0.00012	0.1321	272.0	54.6
16606.	79.9	-60.4	165.3	165.3	-75.0	11.	0.00039	0.00013	0.1310	271.0	55.1
16650.	79.0	-60.4	166.7	166.7	-75.0	11.	0.00039	0.00013	0.1299	271.0	55.6
16694.	78.4	-60.4	167.5	167.5	-75.0	11.	0.00039	0.00013	0.1288	271.0	56.1
16738.	77.7	-60.4	168.6	168.6	-75.0	11.	0.00039	0.00013	0.1277	271.0	56.6
16782.	77.1	-60.4	169.8	169.8	-75.2	11.	0.00039	0.00013	0.1266	271.0	57.1
16826.	76.4	-60.4	171.0	171.0	-75.2	11.	0.00039	0.00013	0.1255	271.0	57.6
16870.	75.8	-60.4	172.2	172.2	-75.1	11.	0.00039	0.00013	0.1244	271.0	58.1
16914.	75.2	-60.4	173.4	173.4	-75.0	11.	0.00039	0.00013	0.1233	271.0	58.6
16958.	74.5	-60.4	174.6	174.6	-75.0	11.	0.00039	0.00013	0.1222	271.0	59.1
17002.	73.8	-60.4	175.9	175.9	-75.0	11.	0.00039	0.00013	0.1211	271.0	59.6
17046.	73.2	-60.4	177.1	177.1	-75.0	11.	0.00039	0.00013	0.1200	271.0	60.1
17090.	72.5	-60.4	178.7	178.7	-75.0	11.	0.00039	0.00013	0.1189	271.0	60.6
17134.	71.9	-60.4	179.6	179.6	-75.0	11.	0.00039	0.00013	0.1178	271.0	61.1
17178.	71.3	-60.4	180.3	180.3	-75.0	11.	0.00039	0.00013	0.1167	271.0	61.6
17222.	70.7	-60.4	181.2	181.2	-75.0	11.	0.00039	0.00013	0.1156	271.0	62.1
17266.	70.1	-60.4	182.1	182.1	-75.0	11.	0.00039	0.00013	0.1145	271.0	62.6
17310.	69.5	-60.4	183.4	183.4	-75.0	11.	0.00039	0.00013	0.1134	271.0	63.1
17354.	68.8	-60.4	184.8	184.8	-75.0	11.	0.00039	0.00013	0.1123	271.0	63.6
17398.	68.2	-60.4	186.2	186.2	-75.1	11.	0.00039	0.00013	0.1111	271.0	64.1
17442.	67.5	-60.4	187.2	187.2	-75.1	11.	0.00039	0.00013	0.1100	271.0	64.6
17486.	66.9	-60.4	188.5	188.5	-75.0	11.	0.00039	0.00013	0.1089	271.0	65.1
17530.	66.3	-60.4	189.5	189.5	-75.0	11.	0.00039	0.00013	0.1078	271.0	65.6
17574.	65.6	-60.4	191.2	191.2	-74.9	11.	0.00039	0.00013	0.1067	271.0	66.1
17618.	65.0	-60.4	192.3	192.3	-74.9	11.	0.00039	0.00013	0.1056	271.0	66.6
17662.	64.4	-60.4	193.3	193.3	-74.9	11.	0.00039	0.00013	0.1045	271.0	67.1
17706.	63.8	-60.4	194.1	194.1	-74.9	11.	0.00039	0.00013	0.1034	271.0	67.6
17750.	63.2	-60.4	194.7	194.7	-74.9	11.	0.00039	0.00013	0.1023	271.0	68.1
17794.	62.5	-60.4	196.8	196.8	-74.7	11.	0.00039	0.00013	0.1012	271.0	68.6
17838.	61.9	-60.4	197.7	197.7	-74.7	11.	0.00039	0.00013	0.1001	271.0	69.1
17882.	61.3	-60.4	199.9	199.9	-74.6	11.	0.00039	0.00013	0.0990	271.0	69.6
17926.	60.7	-60.4	200.5	200.5	-74.5	11.	0.00039	0.00013	0.0979	271.0	70.1
17970.	60.1	-60.4	201.1	201.1	-74.5	11.	0.00039	0.00013	0.0968	271.0	70.6
18014.	59.5	-60.4	202.2	202.2	-74.5	11.	0.00039	0.00013	0.0957	271.0	71.1
18058.	58.9	-60.4	202.8	202.8	-74.5	11.	0.00039	0.00013	0.0946	271.0	71.6
18102.	58.3	-60.4	203.3	203.3	-74.5	11.	0.00039	0.00013	0.0935	271.0	72.1
18146.	57.7	-60.4	203.4	203.4	-74.5	11.	0.00039	0.00013	0.0924	271.0	72.6
18190.	57.1	-60.4	203.5	203.5	-74.4	11.	0.00039	0.00013	0.0913	271.0	73.1
18234.	56.5	-60.4	203.5	203.5	-74.4	11.	0.00039	0.00013	0.0902	271.0	73.6
18278.	55.9	-60.4	203.5	203.5	-74.4	11.	0.00039	0.00013	0.0891	271.0	74.1
18322.	55.3	-60.4	203.5	203.5	-74.4	11.	0.00039	0.00013	0.0880	271.0	74.6
18366.	54.7	-60.4	203.5	203.5	-74.4	11.	0.00039	0.00013	0.0869	271.0	75.1
18410.	54.1	-60.4	203.5	203.5	-74.4	11.	0.00039	0.00013	0.0858	271.0	75.6
18454.	53.5	-60.4	203.5	203.5	-74.4	11.	0.00039	0.00013	0.0847	271.0	76.1
18498.	52.9	-60.4	203.5	203.5	-74.4	11.	0.00039	0.00013	0.0836	271.0	76.6
18542.	52.3	-60.4	203.5	203.5	-74.4	11.	0.00039	0.00013	0.0825	271.0	77.1
18586.	51.7	-60.4	203.5	203.5	-74.4	11.	0.00039	0.00013	0.0814	271.0	77.6
18630.	51.1	-60.4	203.5	203.5	-74.4	11.	0.00039	0.00013	0.0803	271.0	78.1
18674.	50.5	-60.4	203.5	203.5	-74.4	11.	0.00039	0.00013	0.0792	271.0	78.6
18718.	49.9	-60.4	203.5	203.5	-74.4	11.	0.00039	0.00013	0.0781	271.0	79.1
18762.	49.3	-60.4	203.5	203.5	-74.4	11.	0.00039	0.00013	0.0770	271.0	79.6
18806.	48.7	-60.4	203.5	203.5	-74.4	11.	0.00039	0.00013	0.0759	271.0	80.1
18850.	48.1	-60.4	203.5	203.5	-74.4	11.	0.00039	0.00013	0.0748	271.0	80.6
18894.	47.5	-60.4	203.5	203.5	-74.4	11.	0.00039	0.00013	0.0737	271.0	81.1
18938.	46.9	-60.4	203.5	203.5	-74.4	11.	0.00039	0.00013	0.0726	271.0	81.6
18982.	46.3	-60.4	203.5	203.5	-74.4	11.	0.00039	0.00013	0.0715	271.0	82.1
19026.	45.7	-60.4	203.5	203.5	-74.4	11.	0.00039	0.00013	0.0704	271.0	82.6
19070.	45.1	-60.4	203.5	203.5	-74.4	11.	0.00039	0.00013	0.0693	271.0	83.1
19114.	44.5	-60.4	203.5	203.5	-74.4	11.	0.00039	0.00013	0.0682	271.0	83.6
19158.	43.9	-60.4	203.5	203.5	-74.4	11.	0.00039	0.00013	0.0671	271.0	84.1
19202.	43.3	-60.4	203.5	203.5	-74.4	11.	0.00039	0.00013	0.0660	271.0	84.6
19246.	42.7	-60.4	203.5	203.5	-74.4	11.	0.00039	0.00013	0.0649	271.0	85.1
19290.	42.1	-60.4	203.5	203.5	-74.4	11.	0.00039	0.00013	0.0638	271.0	85.6
19334.	41.5	-60.4	203.5	203.5	-74.4	11.	0.00039	0.00013	0.0627	271.0	86.1
19378.	40.9	-60.4	203.5	203.5	-74.4	11.	0.00039	0.00013	0.0616	271.0	86.6
19422.	40.3	-60.4	203.5	203.5	-74.4	11.	0.00039	0.00013	0.0605	271.0	87.1
19466.	39.7	-60.4	203.5	203.5	-74.4	11.	0.00039	0.00013	0.0594	271.0	87.6
19510.	39.1	-60.4	203.5	203.5	-74.4	11.	0.00039	0.00013	0.0583	271.0	88.1
19554.	38.5	-60.4	203.5	203.5	-74.4	11.	0.00039	0.00013	0.0572	271.0	88.6
19598.	37.9	-60.4	203.5	203.5	-74.4	11.	0.00039	0.00013	0.0561	271.0	89.1
19642.	37.3	-60.4	203.5	203.5	-74.4	11.	0.00039	0.00013	0.0550	271.0	89.6
19686.	36.7	-60.4	203.5	203.5	-74.4	11.	0.00039	0.00013	0.0539	271.0	90.1
19730.	36.1	-60.4	203.5	203.5	-74.4	11.	0.00039	0.00013	0.0528	271.0	90.6
19774.	35.5	-60.4	203.5	203.5	-74.4	11.	0.00039	0.00013	0.0517	271.0	91.1
19818.	34.9	-60.4	203.5	203.5	-74.4	11.	0.00039	0.00013	0.0506	271.0	91.6
19862.	34.3	-60.4	203.5	203.5	-74.4	11.	0.00039	0.00013	0.0495	271.0	92.1
19906.	33.7	-60.4	203.5	203.5	-74.4	11.	0.00039	0.00013	0.0484	271.0	92.6
19950.	33.1	-60.4	203.5	203.5	-74.4	11.	0.00039	0.00013	0.0473	271.0	93.1
19994.	32.5	-60.4	203.5	203.5	-74.4	11.	0.00039	0.00013	0.0462	271.0	93.6
20038.	31.9	-60.4	203.5	203.5	-74.4	11.	0.00039	0.00013	0.0451	271.0	94.1
20082.	31.3	-60.4	203								

HEIGHT (M)	PRES (hPa)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	F (M)	1E+3-KH2O (G/M+3)	RHO (KG/M+3)	W (C/G)	SPEED (M/S)
4671	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.7495	0.0	14.6
4711	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.7448	0.0	15.0
4751	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.7401	0.0	15.4
4791	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.7354	0.0	15.8
4831	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.7307	0.0	16.2
4871	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.7260	0.0	16.6
4911	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.7213	0.0	17.0
4951	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.7166	0.0	17.4
4991	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.7119	0.0	17.8
5031	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.7072	0.0	18.2
5071	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.7025	0.0	18.6
5111	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.6978	0.0	19.0
5151	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.6931	0.0	19.4
5191	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.6884	0.0	19.8
5231	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.6837	0.0	20.2
5271	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.6790	0.0	20.6
5311	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.6743	0.0	21.0
5351	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.6696	0.0	21.4
5391	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.6649	0.0	21.8
5431	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.6602	0.0	22.2
5471	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.6555	0.0	22.6
5511	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.6508	0.0	23.0
5551	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.6461	0.0	23.4
5591	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.6414	0.0	23.8
5631	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.6367	0.0	24.2
5671	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.6320	0.0	24.6
5711	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.6273	0.0	25.0
5751	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.6226	0.0	25.4
5791	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.6179	0.0	25.8
5831	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.6132	0.0	26.2
5871	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.6085	0.0	26.6
5911	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.6038	0.0	27.0
5951	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.5991	0.0	27.4
5991	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.5944	0.0	27.8
6031	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.5897	0.0	28.2
6071	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.5850	0.0	28.6
6111	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.5803	0.0	29.0
6151	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.5756	0.0	29.4
6191	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.5709	0.0	29.8
6231	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.5662	0.0	30.2
6271	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.5615	0.0	30.6
6311	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.5568	0.0	31.0
6351	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.5521	0.0	31.4
6391	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.5474	0.0	31.8
6431	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.5427	0.0	32.2
6471	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.5380	0.0	32.6
6511	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.5333	0.0	33.0
6551	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.5286	0.0	33.4
6591	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.5239	0.0	33.8
6631	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.5192	0.0	34.2
6671	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.5145	0.0	34.6
6711	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.5098	0.0	35.0
6751	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.5051	0.0	35.4
6791	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.5004	0.0	35.8
6831	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.4957	0.0	36.2
6871	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.4910	0.0	36.6
6911	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.4863	0.0	37.0
6951	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.4816	0.0	37.4
6991	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.4769	0.0	37.8
7031	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.4722	0.0	38.2
7071	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.4675	0.0	38.6
7111	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.4628	0.0	39.0
7151	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.4581	0.0	39.4
7191	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.4534	0.0	39.8
7231	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.4487	0.0	40.2
7271	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.4440	0.0	40.6
7311	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.4393	0.0	41.0
7351	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.4346	0.0	41.4
7391	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.4299	0.0	41.8
7431	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.4252	0.0	42.2
7471	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.4205	0.0	42.6
7511	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.4158	0.0	43.0
7551	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.4111	0.0	43.4
7591	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.4064	0.0	43.8
7631	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.4017	0.0	44.2
7671	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.3970	0.0	44.6
7711	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.3923	0.0	45.0
7751	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.3876	0.0	45.4
7791	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.3829	0.0	45.8
7831	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.3782	0.0	46.2
7871	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.3735	0.0	46.6
7911	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.3688	0.0	47.0
7951	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.3641	0.0	47.4
7991	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.3594	0.0	47.8
8031	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.3547	0.0	48.2
8071	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.3500	0.0	48.6
8111	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.3453	0.0	49.0
8151	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.3406	0.0	49.4
8191	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.3359	0.0	49.8
8231	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.3312	0.0	50.2
8271	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.3265	0.0	50.6
8311	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.3218	0.0	51.0
8351	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.3171	0.0	51.4
8391	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.3124	0.0	51.8
8431	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.3077	0.0	52.2
8471	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.3030	0.0	52.6
8511	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.2983	0.0	53.0
8551	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.2936	0.0	53.4
8591	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.2889	0.0	53.8
8631	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.2842	0.0	54.2
8671	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.2795	0.0	54.6
8711	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.2748	0.0	55.0
8751	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.2701	0.0	55.4
8791	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.2654	0.0	55.8
8831	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.2607	0.0	56.2
8871	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.2560	0.0	56.6
8911	11.4	-37.7	14.1	14.1	14.1	1.1	1.1	0.0000	0.2513	0.0	57.0
8951											

HEIGHT (M)	PRES (MF)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (M)	EA (G/M ² /S)	RA (G/M ² /S)	W (DEC)	SPEED (M/S)
9152.6	260.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
9196.6	258.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
9239.6	256.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
9283.6	254.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
9314.6	253.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
9355.6	252.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
9401.6	250.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
9444.6	248.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
9488.6	247.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
9532.6	245.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
9572.6	243.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
9614.6	242.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
9656.6	240.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
9704.6	236.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
9754.6	235.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
9806.6	234.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
9826.6	232.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
9867.6	231.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
9905.6	229.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
9947.6	229.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
9988.6	228.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
10025.6	227.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
10067.6	225.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
10107.6	224.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
10149.6	222.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
10188.6	221.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
10233.6	219.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
10273.6	218.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
10314.6	217.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
10355.6	215.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
10394.6	214.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
10429.6	213.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
10474.6	211.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
10513.6	210.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
10556.6	208.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
10598.6	207.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
10645.6	206.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
10694.6	204.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
10738.6	203.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
10782.6	201.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
10828.6	200.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
10870.6	198.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
10912.6	197.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
10957.6	196.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
11002.6	194.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
11048.6	193.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
11095.6	192.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
11143.6	190.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
11192.6	189.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
11241.6	188.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
11290.6	187.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
11339.6	185.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
11388.6	184.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
11437.6	182.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
11486.6	181.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
11535.6	179.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
11584.6	178.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
11633.6	177.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
11682.6	175.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
11731.6	174.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
11780.6	173.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
11829.6	172.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
11878.6	170.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
11927.6	169.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
11976.6	167.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
12025.6	166.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
12074.6	165.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
12123.6	163.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
12172.6	162.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
12221.6	161.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
12270.6	159.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
12319.6	158.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
12368.6	157.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
12417.6	155.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
12466.6	154.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
12515.6	152.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
12564.6	151.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
12613.6	149.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
12662.6	148.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
12711.6	147.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
12760.6	145.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
12809.6	144.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
12858.6	142.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
12907.6	141.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
12956.6	139.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
13005.6	138.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
13054.6	136.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
13103.6	135.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
13152.6	133.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
13201.6	132.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
13250.6	130.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
13299.6	129.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
13348.6	127.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
13397.6	126.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0
13446.6	125.0	-53.3	49.6	49.6	-84.4	1.0	0.0	0.00003	0.0	4.126	0.0

HEIGHT (N)	PRES (MF)	T (C)	THETA (C)	THETA (C)	DEW POINT (C)	REL HUM (%)	F (M)	VELOCITY (G/M+2)	RHO (KG/M+3)	DPR (DEG)	SPEED (M/S)
13826.	124.4	-56.8	119.2	119.2	-86.9	1.	0.00000000	0.00000000	0.00000000	262.0	32.9
13867.	123.7	-56.7	120.1	120.1	-86.9	1.	0.00000000	0.00000000	0.00000000	262.0	32.9
13913.	121.7	-56.7	121.0	121.0	-86.9	1.	0.00000000	0.00000000	0.00000000	262.0	33.0
13960.	121.0	-56.7	121.5	121.5	-86.9	1.	0.00000000	0.00000000	0.00000000	262.0	33.0
14002.	121.3	-56.7	122.5	122.5	-86.9	1.	0.00000000	0.00000000	0.00000000	262.0	33.1
14044.	120.2	-56.7	123.3	123.3	-86.9	1.	0.00000000	0.00000000	0.00000000	262.0	33.2
14091.	119.3	-56.8	123.9	123.9	-86.9	1.	0.00000000	0.00000000	0.00000000	262.0	33.3
14134.	118.5	-56.8	124.7	124.7	-86.9	1.	0.00000000	0.00000000	0.00000000	262.0	33.5
14182.	117.6	-56.7	125.8	125.8	-86.9	1.	0.00000000	0.00000000	0.00000000	262.0	33.6
14225.	116.8	-56.6	126.7	126.7	-86.8	1.	0.00000000	0.00000000	0.00000000	262.0	33.9
14274.	115.9	-56.5	127.8	127.8	-86.7	1.	0.00000000	0.00000000	0.00000000	262.0	34.0
14318.	115.1	-56.5	128.6	128.6	-86.7	1.	0.00000000	0.00000000	0.00000000	262.0	34.2
14362.	114.3	-56.6	129.2	129.2	-86.6	1.	0.00000000	0.00000000	0.00000000	262.0	34.3
14412.	113.4	-56.7	129.9	129.9	-86.9	1.	0.00000000	0.00000000	0.00000000	262.0	34.8
14457.	112.4	-56.7	130.7	130.7	-86.9	1.	0.00000000	0.00000000	0.00000000	262.0	35.1
14502.	111.8	-56.6	131.7	131.7	-86.8	1.	0.00000000	0.00000000	0.00000000	262.0	35.4
14547.	111.0	-56.6	132.6	132.6	-86.6	1.	0.00000000	0.00000000	0.00000000	263.0	35.7
14593.	110.2	-56.6	133.4	133.4	-86.8	1.	0.00000000	0.00000000	0.00000000	263.0	36.1
14639.	109.4	-56.6	134.3	134.3	-86.8	1.	0.00000000	0.00000000	0.00000000	263.0	36.3
14686.	108.6	-56.6	135.1	135.1	-86.8	1.	0.00000000	0.00000000	0.00000000	264.0	36.7
14733.	107.8	-56.6	136.0	136.0	-86.8	1.	0.00000000	0.00000000	0.00000000	264.0	37.0
14780.	107.0	-56.6	136.9	136.9	-86.8	1.	0.00000000	0.00000000	0.00000000	265.0	37.3
14827.	106.2	-56.6	137.7	137.7	-86.8	1.	0.00000000	0.00000000	0.00000000	265.0	37.5
14875.	105.4	-56.6	138.6	138.6	-86.8	1.	0.00000000	0.00000000	0.00000000	265.0	37.8
14917.	104.7	-56.6	139.6	139.6	-86.6	1.	0.00000000	0.00000000	0.00000000	266.0	38.0
14966.	103.9	-56.7	140.1	140.1	-86.9	1.	0.00000000	0.00000000	0.00000000	266.0	38.3
15009.	103.2	-56.7	140.5	140.5	-87.1	1.	0.00000000	0.00000000	0.00000000	266.0	38.5
15056.	102.4	-56.7	140.9	140.9	-87.1	1.	0.00000000	0.00000000	0.00000000	266.0	38.9
15101.	101.7	-56.7	140.7	140.7	-87.6	1.	0.00000000	0.00000000	0.00000000	267.0	39.1
15145.	101.0	-56.7	142.1	142.1	-87.4	1.	0.00000000	0.00000000	0.00000000	267.0	39.1
15195.	100.2	-56.7	143.3	143.3	-87.3	1.	0.00000000	0.00000000	0.00000000	267.0	39.3
15239.	99.5	-56.7	144.1	144.1	-87.3	1.	0.00000000	0.00000000	0.00000000	267.0	39.5
15284.	98.8	-56.7	145.1	145.1	-87.2	1.	0.00000000	0.00000000	0.00000000	267.0	39.6
15328.	98.1	-56.7	146.2	146.2	-87.2	1.	0.00000000	0.00000000	0.00000000	267.0	39.7
15374.	97.4	-56.8	147.5	147.5	-86.9	1.	0.00000000	0.00000000	0.00000000	267.0	39.8
15419.	96.7	-56.7	148.7	148.7	-86.9	1.	0.00000000	0.00000000	0.00000000	267.0	39.9
15472.	95.9	-56.7	149.9	149.9	-85.9	1.	0.00000000	0.00000000	0.00000000	267.0	40.0
15512.	95.3	-56.7	149.9	149.9	-87.1	1.	0.00000000	0.00000000	0.00000000	266.0	40.0
15558.	94.6	-56.7	150.4	150.4	-87.2	1.	0.00000000	0.00000000	0.00000000	266.0	40.0
15605.	93.9	-56.7	151.7	151.7	-87.1	1.	0.00000000	0.00000000	0.00000000	266.0	40.1
15646.	93.3	-56.8	152.1	152.1	-86.9	1.	0.00000000	0.00000000	0.00000000	267.0	40.1
15693.	92.6	-56.8	154.4	154.4	-86.6	1.	0.00000000	0.00000000	0.00000000	267.0	40.3
15741.	91.9	-56.1	156.0	156.0	-86.4	1.	0.00000000	0.00000000	0.00000000	268.0	40.4
15795.	91.2	-56.2	156.6	156.6	-86.5	1.	0.00000000	0.00000000	0.00000000	268.0	40.5
15839.	90.5	-56.2	157.7	157.7	-86.5	1.	0.00000000	0.00000000	0.00000000	269.0	40.6
15884.	89.8	-56.6	158.7	158.7	-86.5	1.	0.00000000	0.00000000	0.00000000	269.0	40.7
15933.	89.1	-56.6	159.7	159.7	-86.5	1.	0.00000000	0.00000000	0.00000000	270.0	40.8
15980.	88.4	-56.6	160.6	160.6	-86.5	1.	0.00000000	0.00000000	0.00000000	270.0	40.9
16031.	87.8	-56.6	161.1	161.1	-86.6	1.	0.00000000	0.00000000	0.00000000	270.0	41.1
16074.	87.2	-56.6	162.3	162.3	-86.6	1.	0.00000000	0.00000000	0.00000000	270.0	41.2
16117.	86.6	-56.6	163.3	163.3	-86.6	1.	0.00000000	0.00000000	0.00000000	270.0	41.4
16177.	86.0	-56.6	164.4	164.4	-86.6	1.	0.00000000	0.00000000	0.00000000	270.0	41.6
16229.	85.1	-56.6	165.5	165.5	-86.6	1.	0.00000000	0.00000000	0.00000000	271.0	41.8
16281.	84.4	-56.6	166.6	166.6	-86.6	1.	0.00000000	0.00000000	0.00000000	271.0	42.0
16327.	83.8	-56.6	167.5	167.5	-86.6	1.	0.00000000	0.00000000	0.00000000	271.0	42.1
16380.	83.1	-56.6	168.8	168.8	-86.6	1.	0.00000000	0.00000000	0.00000000	271.0	42.3
16426.	82.5	-56.6	169.5	169.5	-86.6	1.	0.00000000	0.00000000	0.00000000	271.0	42.5
16472.	81.9	-56.6	170.4	170.4	-86.6	1.	0.00000000	0.00000000	0.00000000	271.0	42.6
16527.	81.2	-56.6	171.1	171.1	-86.6	1.	0.00000000	0.00000000	0.00000000	271.0	42.8
16566.	80.7	-56.6	172.1	172.1	-86.6	1.	0.00000000	0.00000000	0.00000000	271.0	43.0
16613.	80.1	-56.6	172.6	172.6	-86.6	1.	0.00000000	0.00000000	0.00000000	271.0	43.2
16661.	79.5	-56.6	173.3	173.3	-86.6	1.	0.00000000	0.00000000	0.00000000	271.0	43.4
16708.	78.9	-56.6	173.7	173.7	-86.6	1.	0.00000000	0.00000000	0.00000000	271.0	43.6
16748.	78.4	-56.6	174.7	174.7	-86.6	1.	0.00000000	0.00000000	0.00000000	271.0	43.8
16794.	77.8	-56.6	175.1	175.1	-86.7	1.	0.00000000	0.00000000	0.00000000	271.0	44.0
16847.	77.2	-56.6	175.5	175.5	-86.6	1.	0.00000000	0.00000000	0.00000000	271.0	44.2
16896.	76.6	-56.6	176.5	176.5	-86.6	1.	0.00000000	0.00000000	0.00000000	271.0	44.4
16938.	76.1	-56.6	177.4	177.4	-86.6	1.	0.00000000	0.00000000	0.00000000	271.0	44.6
16984.	75.5	-56.6	178.4	178.4	-86.6	1.	0.00000000	0.00000000	0.00000000	271.0	44.8
17033.	75.0	-56.6	179.4	179.4	-86.6	1.	0.00000000	0.00000000	0.00000000	271.0	44.9
17081.	74.4	-56.6	180.3	180.3	-86.6	1.	0.00000000	0.00000000	0.00000000	271.0	45.1
17124.	73.9	-56.6	181.1	181.1	-86.6	1.	0.00000000	0.00000000	0.00000000	271.0	45.3
17175.	73.3	-56.6	182.0	182.0	-86.6	1.	0.00000000	0.00000000	0.00000000	271.0	45.5
17224.	72.7	-56.6	182.9	182.9	-86.6	1.	0.00000000	0.00000000	0.00000000	271.0	45.7
17272.	72.2	-56.6	183.8	183.8	-86.6	1.	0.00000000	0.00000000	0.00000000	271.0	45.9
17325.	71.6	-56.6	184.7	184.7	-86.6	1.	0.00000000	0.00000000	0.00000000	271.0	46.1
17370.	71.1	-56.6	185.6	185.6	-86.6	1.	0.00000000	0.00000000	0.00000000	271.0	46.3
17424.	70.5	-56.6	186.5	186.5	-86.6	1.	0.00000000	0.00000000	0.00000000	271.0	46.5
17465.	70.0	-56.6	187.4	187.4	-86.6	1.	0.00000000	0.00000000	0.00000000	271.0	46.7
17524.	69.4	-56.6	188.3	188.3	-86.6	1.	0.00000000	0.00000000	0.00000000	271.0	46.9
17570.	68.9	-56.6	189.2	189.2	-86.6	1.	0.00000000	0.00000000	0.00000000	271.0	47.1
17622.	68.3	-56.6	190.1	190.1	-86.6	1.	0.00000000	0.00000000	0.00000000	271.0	47.3
17672.	67.8	-56.6	191.0	191.0	-86.6	1.	0.00000000	0.00000000	0.00000000	271.0	47.5
17719.	67.3	-56.6	191.9	191.9	-86.6	1.	0.00000000	0.00000000	0.00000000	271.0	47.7
17774.	66.7	-56.6	192.8	192.8	-86.6	1.	0.00000000	0.00000000	0.00000000	271.0	47.9
17824.	66.2	-56.6	193.7	193.7	-86.6	1.	0.00000000	0.00000000	0.00000000	271.0	48.1
17872.	65.7	-56.6	194.6	194.6	-86.6	1.	0.00000000	0.00000000	0.00000000	271.0	48.3
17921.	65.2	-56.6	195.5	195.5	-86.6	1.	0.00000000	0.00000000	0.00000000	271.0	48.5
17975.	64.7	-56.6	196.4	196.4	-86.6	1.	0.00000000	0.00000000	0.00000000	271.0	48.7
18024.	64.2	-56.6	197.3	197.3	-86.6	1.	0.00000000	0.00000000	0.00000000	271.0	48.9
18074.	63.7	-56.6	198.2	198.2	-86.6	1.	0.00000000	0.00000000	0.00000000	271.0	49.1
18122.	63.2	-56.6	199.1	199.1	-86.6	1.	0.00000000	0.00000000	0.00000000	271.0	49.3
18171.	62.7	-56.6	200.0								

SOUNDING 40.1
LATITUDE -62.4 LONGITUDE 1.8
DATE 11- 3-81 TIME 2347 GMT
NUMBER OF LEVELS 325

150

HEIGHT (M)	FRES (M)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	F (M)	1E+3*RH0W (G/M**3)	RH0 (KG/M**3)	DIR (DEG)	SPEED (M/S)
306A	647.4	-19.5	13.7	13.4	-21.0	72.4	0.7734	0.6677	0.8909	271.3	7.2
3121	642.3	-20.0	13.7	13.4	-21.3	74.4	0.7519	0.6522	0.8852	277.3	7.5
3181	637.1	-20.6	14.0	14.4	-22.0	72.4	0.7197	0.6178	0.8791	274.0	7.4
3236	632.2	-21.0	14.0	14.6	-22.4	70.4	0.6713	0.5844	0.8733	273.0	7.6
3294	627.3	-21.1	14.0	14.6	-22.6	67.4	0.6241	0.5453	0.8675	272.0	7.8
3356	622.2	-21.1	14.0	15.0	-22.8	65.4	0.5881	0.5151	0.8615	273.0	7.8
3416	617.1	-21.1	14.0	15.0	-22.8	67.4	0.5776	0.5062	0.8561	275.0	8.4
3475	612.2	-21.1	14.0	15.4	-22.8	70.4	0.5776	0.5015	0.8507	273.0	8.4
3534	607.3	-21.1	14.0	15.7	-22.8	70.4	0.5776	0.4897	0.8452	269.0	8.7
3591	602.4	-21.1	14.0	15.7	-22.8	70.4	0.5776	0.4891	0.8397	266.0	8.7
3648	597.5	-21.1	14.0	16.0	-22.8	70.4	0.5776	0.4801	0.8341	263.0	8.7
3706	592.6	-21.1	14.0	16.0	-22.8	70.4	0.5776	0.4704	0.8277	263.0	8.7
3761	587.4	-21.1	14.0	17.1	-22.8	68.4	0.5441	0.4404	0.8224	263.0	8.7
3816	582.5	-21.1	14.0	17.1	-22.8	68.4	0.5441	0.4304	0.8174	263.0	8.7
3874	577.5	-21.1	14.0	17.4	-22.8	68.4	0.5336	0.4204	0.8122	263.0	8.7
3934	572.9	-21.1	14.0	17.7	-22.8	68.4	0.5221	0.4104	0.8070	263.0	8.7
3992	567.3	-21.1	14.0	17.7	-22.8	68.4	0.5105	0.4004	0.8021	263.0	8.7
4050	562.6	-21.1	14.0	17.7	-22.8	68.4	0.5000	0.3904	0.7974	263.0	8.7
4108	557.9	-21.1	14.0	17.7	-22.8	68.4	0.4900	0.3804	0.7921	263.0	8.7
4167	553.0	-21.1	14.0	18.0	-22.8	68.4	0.4800	0.3704	0.7871	263.0	8.7
4225	548.1	-21.1	14.0	18.0	-22.8	68.4	0.4700	0.3604	0.7820	263.0	8.7
4283	543.2	-21.1	14.0	18.0	-22.8	68.4	0.4600	0.3504	0.7767	263.0	8.7
4341	538.3	-21.1	14.0	18.0	-22.8	68.4	0.4500	0.3404	0.7716	263.0	8.7
4399	533.4	-21.1	14.0	18.0	-22.8	68.4	0.4400	0.3304	0.7664	263.0	8.7
4457	528.5	-21.1	14.0	18.0	-22.8	68.4	0.4300	0.3204	0.7612	263.0	8.7
4515	523.6	-21.1	14.0	18.0	-22.8	68.4	0.4200	0.3104	0.7562	263.0	8.7
4573	518.7	-21.1	14.0	18.0	-22.8	68.4	0.4100	0.3004	0.7513	263.0	8.7
4631	513.8	-21.1	14.0	18.0	-22.8	68.4	0.4000	0.2904	0.7466	263.0	8.7
4689	508.9	-21.1	14.0	18.0	-22.8	68.4	0.3900	0.2804	0.7415	263.0	8.7
4747	504.0	-21.1	14.0	18.0	-22.8	68.4	0.3800	0.2704	0.7369	263.0	8.7
4805	499.1	-21.1	14.0	18.0	-22.8	68.4	0.3700	0.2604	0.7319	263.0	8.7
4863	494.2	-21.1	14.0	18.0	-22.8	68.4	0.3600	0.2504	0.7273	263.0	8.7
4921	489.3	-21.1	14.0	18.0	-22.8	68.4	0.3500	0.2404	0.7223	263.0	8.7
4979	484.4	-21.1	14.0	18.0	-22.8	68.4	0.3400	0.2304	0.7177	263.0	8.7
5037	479.5	-21.1	14.0	18.0	-22.8	68.4	0.3300	0.2204	0.7132	263.0	8.7
5095	474.6	-21.1	14.0	18.0	-22.8	68.4	0.3200	0.2104	0.7084	263.0	8.7
5153	469.7	-21.1	14.0	18.0	-22.8	68.4	0.3100	0.2004	0.7033	263.0	8.7
5211	464.8	-21.1	14.0	18.0	-22.8	68.4	0.3000	0.1904	0.6983	263.0	8.7
5269	459.9	-21.1	14.0	18.0	-22.8	68.4	0.2900	0.1804	0.6933	263.0	8.7
5327	455.0	-21.1	14.0	18.0	-22.8	68.4	0.2800	0.1704	0.6882	263.0	8.7
5385	450.1	-21.1	14.0	18.0	-22.8	68.4	0.2700	0.1604	0.6831	263.0	8.7
5443	445.2	-21.1	14.0	18.0	-22.8	68.4	0.2600	0.1504	0.6779	263.0	8.7
5501	440.3	-21.1	14.0	18.0	-22.8	68.4	0.2500	0.1404	0.6727	263.0	8.7
5559	435.4	-21.1	14.0	18.0	-22.8	68.4	0.2400	0.1304	0.6675	263.0	8.7
5617	430.5	-21.1	14.0	18.0	-22.8	68.4	0.2300	0.1204	0.6623	263.0	8.7
5675	425.6	-21.1	14.0	18.0	-22.8	68.4	0.2200	0.1104	0.6571	263.0	8.7
5733	420.7	-21.1	14.0	18.0	-22.8	68.4	0.2100	0.1004	0.6519	263.0	8.7
5791	415.8	-21.1	14.0	18.0	-22.8	68.4	0.2000	0.0904	0.6467	263.0	8.7
5849	410.9	-21.1	14.0	18.0	-22.8	68.4	0.1900	0.0804	0.6415	263.0	8.7
5907	406.0	-21.1	14.0	18.0	-22.8	68.4	0.1800	0.0704	0.6363	263.0	8.7
5965	401.1	-21.1	14.0	18.0	-22.8	68.4	0.1700	0.0604	0.6311	263.0	8.7
6023	396.2	-21.1	14.0	18.0	-22.8	68.4	0.1600	0.0504	0.6259	263.0	8.7
6081	391.3	-21.1	14.0	18.0	-22.8	68.4	0.1500	0.0404	0.6207	263.0	8.7
6139	386.4	-21.1	14.0	18.0	-22.8	68.4	0.1400	0.0304	0.6155	263.0	8.7
6197	381.5	-21.1	14.0	18.0	-22.8	68.4	0.1300	0.0204	0.6103	263.0	8.7
6255	376.6	-21.1	14.0	18.0	-22.8	68.4	0.1200	0.0104	0.6051	263.0	8.7
6313	371.7	-21.1	14.0	18.0	-22.8	68.4	0.1100	0.0004	0.6000	263.0	8.7
6371	366.8	-21.1	14.0	18.0	-22.8	68.4	0.1000	0.0000	0.5948	263.0	8.7
6429	361.9	-21.1	14.0	18.0	-22.8	68.4	0.0900	0.0000	0.5896	263.0	8.7
6487	357.0	-21.1	14.0	18.0	-22.8	68.4	0.0800	0.0000	0.5844	263.0	8.7
6545	352.1	-21.1	14.0	18.0	-22.8	68.4	0.0700	0.0000	0.5792	263.0	8.7
6603	347.2	-21.1	14.0	18.0	-22.8	68.4	0.0600	0.0000	0.5740	263.0	8.7
6661	342.3	-21.1	14.0	18.0	-22.8	68.4	0.0500	0.0000	0.5688	263.0	8.7
6719	337.4	-21.1	14.0	18.0	-22.8	68.4	0.0400	0.0000	0.5636	263.0	8.7
6777	332.5	-21.1	14.0	18.0	-22.8	68.4	0.0300	0.0000	0.5584	263.0	8.7
6835	327.6	-21.1	14.0	18.0	-22.8	68.4	0.0200	0.0000	0.5532	263.0	8.7
6893	322.7	-21.1	14.0	18.0	-22.8	68.4	0.0100	0.0000	0.5480	263.0	8.7
6951	317.8	-21.1	14.0	18.0	-22.8	68.4	0.0000	0.0000	0.5428	263.0	8.7
7009	312.9	-21.1	14.0	18.0	-22.8	68.4	0.0000	0.0000	0.5376	263.0	8.7
7067	308.0	-21.1	14.0	18.0	-22.8	68.4	0.0000	0.0000	0.5324	263.0	8.7
7125	303.1	-21.1	14.0	18.0	-22.8	68.4	0.0000	0.0000	0.5272	263.0	8.7
7183	298.2	-21.1	14.0	18.0	-22.8	68.4	0.0000	0.0000	0.5220	263.0	8.7
7241	293.3	-21.1	14.0	18.0	-22.8	68.4	0.0000	0.0000	0.5168	263.0	8.7
7299	288.4	-21.1	14.0	18.0	-22.8	68.4	0.0000	0.0000	0.5116	263.0	8.7
7357	283.5	-21.1	14.0	18.0	-22.8	68.4	0.0000	0.0000	0.5064	263.0	8.7
7415	278.6	-21.1	14.0	18.0	-22.8	68.4	0.0000	0.0000	0.5012	263.0	8.7
7473	273.7	-21.1	14.0	18.0	-22.8	68.4	0.0000	0.0000	0.4960	263.0	8.7
7531	268.8	-21.1	14.0	18.0	-22.8	68.4	0.0000	0.0000	0.4908	263.0	8.7
7589	263.9	-21.1	14.0	18.0	-22.8	68.4	0.0000	0.0000	0.4856	263.0	8.7
7647	259.0	-21.1	14.0	18.0	-22.8	68.4	0.0000	0.0000	0.4804	263.0	8.7
7705	254.1	-21.1	14.0	18.0	-22.8	68.4	0.0000	0.0000	0.4752	263.0	8.7
7763	249.2	-21.1	14.0	18.0	-22.8	68.4	0.0000	0.0000	0.4700	263.0	8.7
7821	244.3	-21.1	14.0	18.0	-22.8	68.4	0.0000	0.0000	0.4648	263.0	8.7
7879	239.4	-21.1	14.0	18.0	-22.8	68.4	0.0000	0.0000	0.4596	263.0	8.7
7937	234.5	-21.1	14.0	18.0	-22.8	68.4	0.0000	0.0000	0.4544	263.0	8.7
7995	229.6	-21.1	14.0	18.0	-22.8	68.4	0.0000	0.0000	0.4492	263.0	8.7
8053	224.7	-21.1	14.0	18.0	-22.8	68.4	0.0000	0.0000	0.4440	263.0	8.7
8111	219.8	-21.1	14.0	18.0	-22.8	68.4	0.0000	0.0000	0.4388	263.0	8.7
8169	214.9	-21.1	14.0	18.0	-22.8	68.4	0.0000	0.0000	0.4336	263.0	8.7
8227	210.0	-21.1	14.0	18.0	-22.8	68.4	0.0000	0.0000	0.4284	263.0	8.7
8285	205.1	-21.1	14.0	18.0	-22.8	68.4	0.0000	0.0000	0.4232	263.0	8.7
8343	200.2	-21.1	14.0	18.0	-22.8	68.4	0.0000	0.0000	0.4180	263.0	8.7
8401	195.3	-21.1	14.0	18.0	-22.8	68.4	0.0000	0.0000	0.4128	263.0	8.7
8459	190.4	-21.1	14.0	18.0	-22.8	68.4	0.0000	0.0000	0.4076	263.0	8.7
8517	185.5	-21.1	14.0	18.0	-22.8	68.4	0.0000	0.0000	0.4024	263.0	8.7
8575	180.6	-21.1	14.0	18.0	-22.8	68.4	0.0000	0.0000	0.3972	263.0	8.7
8633	175.7	-21.1	14.0	18.0	-22.8	68.4	0.0000	0.0000	0.3920	263.0	8.7
8691	170.8	-21.1	14.0	18.0	-22.8	68.4	0.0000	0.0000	0.3868	263.0	8.7
8749	165.9	-21.1	14.0	18.0	-22.8	68.4	0.0000	0.0000	0.3816	263.0	8.7
8807	161.0	-21.1	14.0	18.0	-22.8	68.4	0.0000	0.0000	0.3764	263.0	8.7
8865	156.1	-21.1	14.0	18.0	-22.8	68.4	0.0000	0.0000	0.3712	263.0	8.7
8923	151.2	-21.1	14.0	18.0	-22.8	68.4	0.0000	0.0000			

HEIGHT (M)	PRES (hPa)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (hPa)	1E+3*RH02 (G/M+3)	RH0 (KG/M+3)	DIR (DEG)	SPEED (M/S)
9935.	232.7	-61.4	47.2	47.2	-82.9	4.	0.00003	0.0004	0.3837	256.0	22.6
9993.	230.5	-62.2	47.6	47.6	-82.2	4.	0.00003	0.0004	0.3806	257.0	22.8
10052.	228.3	-62.2	48.5	48.5	-83.2	4.	0.00003	0.0004	0.3770	257.0	23.1
10109.	226.1	-62.1	49.9	49.9	-83.1	4.	0.00003	0.0004	0.3734	258.0	23.3
10164.	224.0	-62.0	50.3	50.3	-83.0	4.	0.00003	0.0004	0.3699	258.0	23.5
10222.	222.0	-61.9	51.4	51.4	-82.9	4.	0.00003	0.0004	0.3664	259.0	23.8
10281.	220.0	-61.7	52.4	52.4	-82.8	4.	0.00003	0.0004	0.3628	259.0	24.1
10340.	217.9	-61.5	53.6	53.6	-82.6	4.	0.00003	0.0004	0.3592	260.0	24.4
10400.	215.8	-61.3	54.8	54.8	-82.4	4.	0.00003	0.0004	0.3552	260.0	24.8
10455.	213.9	-61.3	56.0	56.0	-82.4	4.	0.00003	0.0004	0.3517	260.0	25.3
10510.	212.0	-61.3	56.9	56.9	-82.3	4.	0.00003	0.0004	0.3484	260.0	25.6
10566.	210.1	-61.3	57.6	57.6	-82.4	4.	0.00003	0.0004	0.3455	260.0	26.0
10619.	208.3	-61.4	58.3	58.3	-82.5	4.	0.00003	0.0004	0.3427	261.0	26.3
10670.	206.6	-61.5	58.7	58.7	-82.6	4.	0.00003	0.0004	0.3400	261.0	26.7
10721.	204.9	-61.6	59.7	59.7	-82.6	4.	0.00003	0.0004	0.3373	261.0	27.1
10772.	203.2	-61.7	60.5	60.5	-82.6	4.	0.00003	0.0004	0.3345	261.0	27.4
10824.	201.5	-61.8	61.3	61.3	-82.6	4.	0.00003	0.0004	0.3317	262.0	27.7
10877.	199.8	-61.9	62.4	62.4	-82.6	4.	0.00003	0.0004	0.3289	262.0	28.0
10930.	198.1	-61.9	63.4	63.4	-82.6	4.	0.00003	0.0004	0.3261	262.0	28.3
10986.	196.3	-61.1	64.4	64.4	-82.3	4.	0.00003	0.0004	0.3235	262.0	28.7
11037.	194.7	-61.1	65.2	65.2	-82.3	4.	0.00003	0.0004	0.3209	262.0	29.0
11089.	193.0	-61.2	66.6	66.6	-82.3	4.	0.00003	0.0004	0.3174	263.0	29.1
11137.	191.6	-61.2	67.4	67.4	-82.3	4.	0.00003	0.0004	0.3149	263.0	29.2
11189.	190.0	-61.3	68.1	68.1	-82.4	4.	0.00003	0.0004	0.3123	263.0	29.3
11241.	188.4	-61.4	68.7	68.7	-82.5	4.	0.00003	0.0004	0.3098	263.0	29.4
11290.	186.9	-61.4	69.5	69.5	-82.5	4.	0.00003	0.0004	0.3075	264.0	29.5
11340.	185.4	-61.4	70.4	70.4	-82.5	4.	0.00003	0.0004	0.3050	264.0	29.6
11394.	183.8	-61.5	71.5	71.5	-82.5	4.	0.00003	0.0004	0.3024	264.0	29.7
11445.	182.2	-61.5	72.6	72.6	-82.5	4.	0.00003	0.0004	0.2999	264.0	29.8
11496.	180.7	-61.5	73.6	73.6	-82.5	4.	0.00003	0.0004	0.2974	264.0	29.9
11548.	179.1	-61.5	74.6	74.6	-82.5	4.	0.00003	0.0004	0.2949	264.0	30.0
11600.	177.6	-61.4	75.3	75.3	-82.5	4.	0.00003	0.0004	0.2924	264.0	30.1
11652.	176.0	-61.4	76.2	76.2	-82.4	4.	0.00003	0.0004	0.2899	264.0	30.2
11705.	174.5	-61.4	77.3	77.3	-82.4	4.	0.00003	0.0004	0.2874	264.0	30.3
11751.	173.0	-61.4	78.2	78.2	-82.3	4.	0.00003	0.0004	0.2849	264.0	30.4
11798.	171.5	-61.4	79.3	79.3	-82.3	4.	0.00003	0.0004	0.2824	264.0	30.5
11845.	169.9	-61.4	80.4	80.4	-82.3	4.	0.00003	0.0004	0.2799	264.0	30.6
11893.	168.4	-61.4	81.5	81.5	-82.3	4.	0.00003	0.0004	0.2774	264.0	30.7
11943.	166.9	-61.4	82.6	82.6	-82.3	4.	0.00003	0.0004	0.2749	264.0	30.8
11991.	165.4	-61.4	83.7	83.7	-82.3	4.	0.00003	0.0004	0.2724	264.0	30.9
12040.	163.9	-61.4	84.7	84.7	-82.3	4.	0.00003	0.0004	0.2699	264.0	31.0
12089.	162.4	-61.4	85.6	85.6	-82.3	4.	0.00003	0.0004	0.2674	264.0	31.1
12139.	160.9	-61.4	86.6	86.6	-82.3	4.	0.00003	0.0004	0.2649	264.0	31.2
12189.	159.4	-61.4	87.7	87.7	-82.3	4.	0.00003	0.0004	0.2624	264.0	31.3
12240.	157.9	-61.4	88.8	88.8	-82.3	4.	0.00003	0.0004	0.2599	264.0	31.4
12290.	156.4	-61.4	89.9	89.9	-82.3	4.	0.00003	0.0004	0.2574	264.0	31.5
12340.	154.9	-61.4	91.0	91.0	-82.3	4.	0.00003	0.0004	0.2549	264.0	31.6
12390.	153.4	-61.4	92.1	92.1	-82.3	4.	0.00003	0.0004	0.2524	264.0	31.7
12440.	151.9	-61.4	93.2	93.2	-82.3	4.	0.00003	0.0004	0.2499	264.0	31.8
12490.	150.4	-61.4	94.3	94.3	-82.3	4.	0.00003	0.0004	0.2474	264.0	31.9
12540.	148.9	-61.4	95.4	95.4	-82.3	4.	0.00003	0.0004	0.2449	264.0	32.0
12590.	147.4	-61.4	96.5	96.5	-82.3	4.	0.00003	0.0004	0.2424	264.0	32.1
12640.	145.9	-61.4	97.6	97.6	-82.3	4.	0.00003	0.0004	0.2399	264.0	32.2
12690.	144.4	-61.4	98.7	98.7	-82.3	4.	0.00003	0.0004	0.2374	264.0	32.3
12740.	142.9	-61.4	99.8	99.8	-82.3	4.	0.00003	0.0004	0.2349	264.0	32.4
12790.	141.4	-61.4	100.9	100.9	-82.3	4.	0.00003	0.0004	0.2324	264.0	32.5
12840.	139.9	-61.4	102.0	102.0	-82.3	4.	0.00003	0.0004	0.2299	264.0	32.6
12890.	138.4	-61.4	103.1	103.1	-82.3	4.	0.00003	0.0004	0.2274	264.0	32.7
12940.	136.9	-61.4	104.2	104.2	-82.3	4.	0.00003	0.0004	0.2249	264.0	32.8
12990.	135.4	-61.4	105.3	105.3	-82.3	4.	0.00003	0.0004	0.2224	264.0	32.9
13040.	133.9	-61.4	106.4	106.4	-82.3	4.	0.00003	0.0004	0.2199	264.0	33.0
13090.	132.4	-61.4	107.5	107.5	-82.3	4.	0.00003	0.0004	0.2174	264.0	33.1
13140.	130.9	-61.4	108.6	108.6	-82.3	4.	0.00003	0.0004	0.2149	264.0	33.2
13190.	129.4	-61.4	109.7	109.7	-82.3	4.	0.00003	0.0004	0.2124	264.0	33.3
13240.	127.9	-61.4	110.8	110.8	-82.3	4.	0.00003	0.0004	0.2099	264.0	33.4
13290.	126.4	-61.4	111.9	111.9	-82.3	4.	0.00003	0.0004	0.2074	264.0	33.5
13340.	124.9	-61.4	113.0	113.0	-82.3	4.	0.00003	0.0004	0.2049	264.0	33.6
13390.	123.4	-61.4	114.1	114.1	-82.3	4.	0.00003	0.0004	0.2024	264.0	33.7
13440.	121.9	-61.4	115.2	115.2	-82.3	4.	0.00003	0.0004	0.1999	264.0	33.8
13490.	120.4	-61.4	116.3	116.3	-82.3	4.	0.00003	0.0004	0.1974	264.0	33.9
13540.	118.9	-61.4	117.4	117.4	-82.3	4.	0.00003	0.0004	0.1949	264.0	34.0
13590.	117.4	-61.4	118.5	118.5	-82.3	4.	0.00003	0.0004	0.1924	264.0	34.1
13640.	115.9	-61.4	119.6	119.6	-82.3	4.	0.00003	0.0004	0.1899	264.0	34.2
13690.	114.4	-61.4	120.7	120.7	-82.3	4.	0.00003	0.0004	0.1874	264.0	34.3
13740.	112.9	-61.4	121.8	121.8	-82.3	4.	0.00003	0.0004	0.1849	264.0	34.4
13790.	111.4	-61.4	122.9	122.9	-82.3	4.	0.00003	0.0004	0.1824	264.0	34.5
13840.	109.9	-61.4	124.0	124.0	-82.3	4.	0.00003	0.0004	0.1799	264.0	34.6
13890.	108.4	-61.4	125.1	125.1	-82.3	4.	0.00003	0.0004	0.1774	264.0	34.7
13940.	106.9	-61.4	126.2	126.2	-82.3	4.	0.00003	0.0004	0.1749	264.0	34.8
13990.	105.4	-61.4	127.3	127.3	-82.3	4.	0.00003	0.0004	0.1724	264.0	34.9
14040.	103.9	-61.4	128.4	128.4	-82.3	4.	0.00003	0.0004	0.1699	264.0	35.0
14090.	102.4	-61.4	129.5	129.5	-82.3	4.	0.00003	0.0004	0.1674	264.0	35.1
14140.	100.9	-61.4	130.6	130.6	-82.3	4.	0.00003	0.0004	0.1649	264.0	35.2
14190.	99.4	-61.4	131.7	131.7	-82.3	4.	0.00003	0.0004	0.1624	264.0	35.3
14240.	97.9	-61.4	132.8	132.8	-82.3	4.	0.00003	0.0004	0.1599	264.0	35.4
14290.	96.4	-61.4	133.9	133.9	-82.3	4.	0.00003	0.0004	0.1574	264.0	35.5
14340.	94.9	-61.4	135.0	135.0	-82.3	4.	0.00003	0.0004	0.1549	264.0	35.6
14390.	93.4	-61.4	136.1	136.1	-82.3	4.	0.00003	0.0004	0.1524	264.0	35.7
14440.	91.9	-61.4	137.2	137.2	-82.3	4.	0.00003	0.0004	0.1499	264.0	35.8
14490.	90.4	-61.4	138.3	138.3	-82.3	4.	0.00003	0.0004	0.1474	264.0	35.9
14540.	88.9	-61.4	139.4	139.4	-82.3	4.	0.00003	0.0004	0.1449	264.0	36.0
14590.	87.4	-61.4	140.5	140.5	-82.3	4.	0.00003	0.0004	0.1424	264.0	36.1
14640.	85.9	-61.4	141.6	141.6	-82.3	4.	0.00003	0.0004	0.1399	264.0	36.2
14690.	84.4	-61.4	142.7	142.7	-82.3	4.	0.00003	0.0004	0.1374	264.0	36.3
14740.	82.9	-61.4	143.8	143.8	-82.3	4.	0.00003	0.0004	0.1349	264.0	36.4
14790.	81.4	-61.4	144.9	144.9	-82.3	4.	0.00003	0.0004	0.1324	264.0	36.5
14840.	79.9	-61.4	146.0	146.0	-82.3	4.	0.00003	0.0004	0.1299	264.0	36.6
14890.	78.4	-61.4	147.1	147.1	-82.3	4.	0.00003	0.0004	0.1274	264.0	36.7
14940.	76.9	-61.4	148.2	148.2	-82.3	4.	0.00003	0.0004	0.1249	264.0	36.8
14990.	75.4	-61.4	149.3	149.3	-82.3	4.	0.00003	0.0004	0.1224	264.0	36.9
15040.	73.9	-61.4	150.4	150.4	-82.3	4.	0.00003	0.0004	0.1199	264.0	37.0
15090.											

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	F (M)	1E+3•RH0 (G/M+3)	RH0 (G/M+3)	DIR (DEG)	SPEED (M/S)
15464.	95.4	-59.0	143.9	143.9	-81.4	4.	0.0000	0.0000	0.1559	275.0	44.7
15509.	94.7	-59.5	144.2	144.2	-81.3	4.	0.0000	0.0000	0.1547	275.0	44.7
15562.	93.9	-59.8	146.1	146.1	-81.1	4.	0.0000	0.0000	0.1533	275.0	44.7
15609.	93.2	-59.7	147.2	147.2	-81.1	4.	0.0000	0.0000	0.1521	275.0	44.7
15656.	92.5	-59.7	148.1	148.1	-81.1	4.	0.0000	0.0000	0.1510	275.0	44.7
15710.	91.7	-59.7	149.2	149.2	-81.1	4.	0.0000	0.0000	0.1497	275.0	44.7
15768.	91.0	-59.7	150.1	150.1	-81.1	4.	0.0000	0.0000	0.1485	275.0	44.7
15806.	90.3	-59.7	151.1	151.1	-81.1	4.	0.0000	0.0000	0.1474	275.0	44.7
15862.	89.5	-59.6	152.3	152.3	-81.1	4.	0.0000	0.0000	0.1460	275.0	44.7
15911.	88.8	-59.6	153.3	153.3	-81.1	4.	0.0000	0.0000	0.1449	275.0	44.7
15960.	88.1	-59.6	154.5	154.5	-81.1	4.	0.0000	0.0000	0.1436	275.0	44.7
16017.	87.3	-59.6	156.0	156.0	-80.8	4.	0.0000	0.0000	0.1422	275.0	44.7
16068.	86.6	-59.5	157.2	157.2	-80.7	4.	0.0000	0.0000	0.1410	275.0	44.7
16126.	85.8	-59.5	158.3	158.3	-80.7	4.	0.0000	0.0000	0.1397	275.0	44.7
16177.	85.1	-59.5	159.5	159.5	-80.6	4.	0.0000	0.0000	0.1385	275.0	44.7
16229.	84.4	-59.5	160.7	160.7	-80.6	4.	0.0000	0.0000	0.1373	275.0	44.7
16281.	83.7	-59.5	162.0	162.0	-80.6	4.	0.0000	0.0000	0.1361	275.0	44.7
16333.	83.0	-59.5	163.3	163.3	-80.6	4.	0.0000	0.0000	0.1350	275.0	44.7
16386.	82.3	-59.5	164.7	164.7	-80.6	4.	0.0000	0.0000	0.1339	275.0	44.7
16440.	81.6	-59.5	166.4	166.4	-80.6	4.	0.0000	0.0000	0.1327	275.0	44.7
16494.	80.9	-59.5	168.4	168.4	-80.6	4.	0.0000	0.0000	0.1315	275.0	44.7
16548.	80.2	-59.5	169.9	169.9	-80.6	4.	0.0000	0.0000	0.1303	275.0	44.7
16599.	79.6	-59.5	170.0	170.0	-80.6	4.	0.0000	0.0000	0.1294	275.0	44.7
16650.	78.9	-59.5	171.5	171.5	-80.6	4.	0.0000	0.0000	0.1281	275.0	44.7
16706.	78.2	-59.4	172.7	172.7	-80.6	4.	0.0000	0.0000	0.1269	275.0	44.7
16755.	77.6	-59.4	174.5	174.5	-80.6	4.	0.0000	0.0000	0.1258	275.0	44.7
16812.	76.9	-59.4	175.3	175.3	-80.6	4.	0.0000	0.0000	0.1246	275.0	44.7
16861.	76.3	-59.4	176.9	176.9	-80.6	4.	0.0000	0.0000	0.1234	275.0	44.7
16919.	75.6	-59.5	177.7	177.7	-80.6	4.	0.0000	0.0000	0.1221	275.0	44.7
16969.	75.0	-59.5	179.4	179.4	-80.6	4.	0.0000	0.0000	0.1210	275.0	44.7
17022.	74.4	-59.5	181.1	181.1	-80.6	4.	0.0000	0.0000	0.1199	275.0	44.7
17072.	73.9	-59.5	182.8	182.8	-80.6	4.	0.0000	0.0000	0.1188	275.0	44.7
17124.	73.3	-59.5	184.5	184.5	-80.6	4.	0.0000	0.0000	0.1177	275.0	44.7
17166.	72.7	-59.5	186.4	186.4	-80.6	4.	0.0000	0.0000	0.1167	275.0	44.7
17218.	72.1	-59.5	188.4	188.4	-80.6	4.	0.0000	0.0000	0.1150	275.0	44.7
17271.	71.5	-59.6	189.4	189.4	-80.6	4.	0.0000	0.0000	0.1142	275.0	44.7
17316.	71.0	-59.6	189.4	189.4	-80.6	4.	0.0000	0.0000	0.1131	275.0	44.7
17370.	70.4	-59.6	189.4	189.4	-80.6	4.	0.0000	0.0000	0.1122	275.0	44.7
17424.	69.8	-59.6	189.4	189.4	-80.6	4.	0.0000	0.0000	0.1113	275.0	44.7
17478.	69.2	-59.6	189.4	189.4	-80.6	4.	0.0000	0.0000	0.1104	275.0	44.7
17532.	68.6	-59.6	189.4	189.4	-80.6	4.	0.0000	0.0000	0.1096	275.0	44.7
17586.	68.1	-59.6	189.4	189.4	-80.6	4.	0.0000	0.0000	0.1087	275.0	44.7
17640.	67.5	-59.6	189.4	189.4	-80.6	4.	0.0000	0.0000	0.1079	275.0	44.7
17694.	67.0	-59.6	189.4	189.4	-80.6	4.	0.0000	0.0000	0.1071	275.0	44.7
17748.	66.4	-59.6	189.4	189.4	-80.6	4.	0.0000	0.0000	0.1063	275.0	44.7
17802.	65.9	-59.6	189.4	189.4	-80.6	4.	0.0000	0.0000	0.1055	275.0	44.7
17856.	65.4	-59.6	189.4	189.4	-80.6	4.	0.0000	0.0000	0.1047	275.0	44.7
17910.	64.8	-59.6	189.4	189.4	-80.6	4.	0.0000	0.0000	0.1039	275.0	44.7
17964.	64.3	-59.6	189.4	189.4	-80.6	4.	0.0000	0.0000	0.1031	275.0	44.7
18018.	63.7	-59.6	189.4	189.4	-80.6	4.	0.0000	0.0000	0.1023	275.0	44.7
18072.	63.2	-59.6	189.4	189.4	-80.6	4.	0.0000	0.0000	0.1015	275.0	44.7
18126.	62.7	-59.6	189.4	189.4	-80.6	4.	0.0000	0.0000	0.1007	275.0	44.7
18180.	62.1	-59.6	189.4	189.4	-80.6	4.	0.0000	0.0000	0.1000	275.0	44.7
18234.	61.6	-59.6	189.4	189.4	-80.6	4.	0.0000	0.0000	0.0992	275.0	44.7
18288.	61.1	-59.6	189.4	189.4	-80.6	4.	0.0000	0.0000	0.0984	275.0	44.7

SOUNDING 41.0
 LATITUDE -62.3 LONGITUDE 1.7
 DATE 11-4-81 TIME 1147 GMT
 NUMBER OF LEVELS 22A

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	F (M)	1E+3•RH0 (G/M+3)	RH0 (G/M+3)	DIR (DEG)	SPEED (M/S)
15464.	95.4	-59.0	143.9	143.9	-81.4	4.	0.0000	0.0000	0.1559	275.0	44.7
15509.	94.7	-59.5	144.2	144.2	-81.3	4.	0.0000	0.0000	0.1547	275.0	44.7
15562.	93.9	-59.8	146.1	146.1	-81.1	4.	0.0000	0.0000	0.1533	275.0	44.7
15609.	93.2	-59.7	147.2	147.2	-81.1	4.	0.0000	0.0000	0.1521	275.0	44.7
15656.	92.5	-59.7	148.1	148.1	-81.1	4.	0.0000	0.0000	0.1510	275.0	44.7
15710.	91.7	-59.7	149.2	149.2	-81.1	4.	0.0000	0.0000	0.1497	275.0	44.7
15768.	91.0	-59.7	150.1	150.1	-81.1	4.	0.0000	0.0000	0.1485	275.0	44.7
15806.	90.3	-59.7	151.1	151.1	-81.1	4.	0.0000	0.0000	0.1474	275.0	44.7
15862.	89.5	-59.6	152.3	152.3	-81.1	4.	0.0000	0.0000	0.1460	275.0	44.7
15911.	88.8	-59.6	153.3	153.3	-81.1	4.	0.0000	0.0000	0.1449	275.0	44.7
15960.	88.1	-59.6	154.5	154.5	-81.1	4.	0.0000	0.0000	0.1436	275.0	44.7
16017.	87.3	-59.6	156.0	156.0	-80.8	4.	0.0000	0.0000	0.1422	275.0	44.7
16068.	86.6	-59.5	157.2	157.2	-80.7	4.	0.0000	0.0000	0.1410	275.0	44.7
16126.	85.8	-59.5	158.3	158.3	-80.7	4.	0.0000	0.0000	0.1397	275.0	44.7
16177.	85.1	-59.5	159.5	159.5	-80.6	4.	0.0000	0.0000	0.1385	275.0	44.7
16229.	84.4	-59.5	160.7	160.7	-80.6	4.	0.0000	0.0000	0.1373	275.0	44.7
16281.	83.7	-59.5	162.0	162.0	-80.6	4.	0.0000	0.0000	0.1361	275.0	44.7
16333.	83.0	-59.5	163.3	163.3	-80.6	4.	0.0000	0.0000	0.1350	275.0	44.7
16386.	82.3	-59.5	164.7	164.7	-80.6	4.	0.0000	0.0000	0.1339	275.0	44.7
16440.	81.6	-59.5	166.4	166.4	-80.6	4.	0.0000	0.0000	0.1327	275.0	44.7
16494.	80.9	-59.5	168.4	168.4	-80.6	4.	0.0000	0.0000	0.1315	275.0	44.7
16548.	80.2	-59.5	169.9	169.9	-80.6	4.	0.0000	0.0000	0.1303	275.0	44.7
16599.	79.6	-59.5	170.0	170.0	-80.6	4.	0.0000	0.0000	0.1294	275.0	44.7
16650.	78.9	-59.5	171.5	171.5	-80.6	4.	0.0000	0.0000	0.1281	275.0	44.7
16706.	78.2	-59.4	172.7	172.7	-80.6	4.	0.0000	0.0000	0.1269	275.0	44.7
16755.	77.6	-59.4	174.5	174.5	-80.6	4.	0.0000	0.0000	0.1258	275.0	44.7
16812.	76.9	-59.4	175.3	175.3	-80.6	4.	0.0000	0.0000	0.1246	275.0	44.7
16861.	76.3	-59.4	176.9	176.9	-80.6	4.	0.0000	0.0000	0.1234	275.0	44.7
16919.	75.6	-59.5	177.7	177.7	-80.6	4.	0.0000	0.0000	0.1221	275.0	44.7
16969.	75.0	-59.5	179.4	179.4	-80.6	4.	0.0000	0.0000	0.1210	275.0	44.7
17022.	74.4	-59.5	181.1	181.1	-80.6	4.	0.0000	0.0000	0.1199	275.0	44.7
17072.	73.9	-59.5	182.8	182.8	-80.6	4.	0.0000	0.0000	0.1188	275.0	44.7
17124.	73.3	-59.5	184.5	184.5	-80.6	4.	0.0000	0.0000	0.1177	275.0	44.7
17166.	72.7	-59.5	186.4	186.4	-80.6	4.	0.0000	0.0000	0.1167	275.0	44.7
17218.	72.1	-59.5	188.4	188.4	-80.6	4.	0.0000	0.0000	0.1150	275.0	44.7
17271.	71.5	-59.6	189.4	189.4	-80.6	4.	0.0000	0.0000	0.1142	275.0	44.7
17316.	71.0	-59.6	189.4	189.4	-80.6	4.	0.0000	0.0000	0.1131	275.0	44.7
17370.	70.4	-59.6	189.4	189.4	-80.6	4.	0.0000	0.0000	0.1122	275.0	44.7
17424.	69.8	-59.6	189.4	189.4	-80.6	4.	0.0000	0.0000	0.1113	275.0	44.7
17478.	69.2	-59.6	189.4	189.4	-80.6	4.	0.0000	0.0000	0.1104	275.0	44.7
17532.	68.6	-59.6	189.4	189.4	-80.6	4.	0.0000	0.0000	0.1096	275.0	44.7
17586.	68.1	-59.6	189.4	189.4	-80.6	4.	0.0000	0.0000	0.1087	275.0	44.7
17640.	67.5	-59.6	189.4	189.4	-80.6	4.	0.0000	0.0000	0.1079	275.0	44.7
17694.	67.0	-59.6	189.4	189.4	-80.6	4.	0.0000	0.0000	0.1071	275.0	44.7

HEIGHT (M)	FRES (M)	T (C)	THETA (C)	THE1AV (C)	DEW POINT (C)	REL HUM (%)	F (M)	1E+1.440W (S/4.0.0)	400 (KG/M.0.0)	11K (C.0.0)	SPELT (M/0)
25811.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.4607	0.9360	255.0	7.5
26111.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.4485	0.9297	255.0	7.5
26721.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.4367	0.9236	255.0	7.5
27241.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.4251	0.9175	255.0	7.5
27861.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.4130	0.9115	255.0	7.5
28481.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.4011	0.9054	255.0	7.5
29101.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.3894	0.8993	255.0	7.5
29721.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.3779	0.8931	255.0	7.5
30341.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.3664	0.8870	255.0	7.5
30961.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.3549	0.8808	255.0	7.5
31581.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.3434	0.8747	255.0	7.5
32201.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.3319	0.8685	255.0	7.5
32821.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.3204	0.8624	255.0	7.5
33441.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.3089	0.8562	255.0	7.5
34061.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.2974	0.8501	255.0	7.5
34681.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.2859	0.8439	255.0	7.5
35301.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.2744	0.8378	255.0	7.5
35921.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.2629	0.8316	255.0	7.5
36541.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.2514	0.8255	255.0	7.5
37161.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.2399	0.8193	255.0	7.5
37781.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.2284	0.8132	255.0	7.5
38401.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.2169	0.8070	255.0	7.5
39021.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.2054	0.8009	255.0	7.5
39641.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.1939	0.7947	255.0	7.5
40261.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.1824	0.7885	255.0	7.5
40881.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.1709	0.7824	255.0	7.5
41501.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.1594	0.7762	255.0	7.5
42121.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.1479	0.7701	255.0	7.5
42741.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.1364	0.7639	255.0	7.5
43361.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.1249	0.7578	255.0	7.5
43981.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.1134	0.7516	255.0	7.5
44601.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.1019	0.7455	255.0	7.5
45221.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0904	0.7393	255.0	7.5
45841.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0789	0.7332	255.0	7.5
46461.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0674	0.7270	255.0	7.5
47081.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0559	0.7209	255.0	7.5
47701.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0444	0.7147	255.0	7.5
48321.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0329	0.7086	255.0	7.5
48941.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0214	0.7024	255.0	7.5
49561.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0099	0.6963	255.0	7.5
50181.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0000	0.6901	255.0	7.5
50801.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0000	0.6840	255.0	7.5
51421.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0000	0.6778	255.0	7.5
52041.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0000	0.6717	255.0	7.5
52661.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0000	0.6655	255.0	7.5
53281.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0000	0.6594	255.0	7.5
53901.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0000	0.6532	255.0	7.5
54521.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0000	0.6471	255.0	7.5
55141.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0000	0.6409	255.0	7.5
55761.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0000	0.6348	255.0	7.5
56381.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0000	0.6286	255.0	7.5
57001.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0000	0.6225	255.0	7.5
57621.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0000	0.6163	255.0	7.5
58241.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0000	0.6102	255.0	7.5
58861.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0000	0.6040	255.0	7.5
59481.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0000	0.5979	255.0	7.5
60101.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0000	0.5917	255.0	7.5
60721.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0000	0.5856	255.0	7.5
61341.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0000	0.5794	255.0	7.5
61961.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0000	0.5733	255.0	7.5
62581.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0000	0.5671	255.0	7.5
63201.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0000	0.5610	255.0	7.5
63821.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0000	0.5548	255.0	7.5
64441.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0000	0.5487	255.0	7.5
65061.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0000	0.5425	255.0	7.5
65681.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0000	0.5364	255.0	7.5
66301.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0000	0.5302	255.0	7.5
66921.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0000	0.5241	255.0	7.5
67541.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0000	0.5179	255.0	7.5
68161.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0000	0.5118	255.0	7.5
68781.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0000	0.5056	255.0	7.5
69401.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0000	0.4995	255.0	7.5
70021.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0000	0.4933	255.0	7.5
70641.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0000	0.4872	255.0	7.5
71261.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0000	0.4810	255.0	7.5
71881.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0000	0.4749	255.0	7.5
72501.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0000	0.4687	255.0	7.5
73121.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0000	0.4626	255.0	7.5
73741.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0000	0.4564	255.0	7.5
74361.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0000	0.4503	255.0	7.5
74981.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0000	0.4441	255.0	7.5
75601.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0000	0.4380	255.0	7.5
76221.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0000	0.4318	255.0	7.5
76841.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0000	0.4257	255.0	7.5
77461.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0000	0.4195	255.0	7.5
78081.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0000	0.4134	255.0	7.5
78701.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0000	0.4072	255.0	7.5
79321.1	881.1	-1.7	12.0	12.0	-1.7	74.0	0.00000000	0.0000	0.4011	255.0	7.5

HEIGHT (M)	PRES (H)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (M)	1E+3*RHOW (G/M+3)	RHO (KG/M+3)	DIR (DEG)	SPEED (M/S)
74	117.0	-7.0	-5.3	-5.3	-11.7	72	0.0000	2.3387	1.2734	260.0	11.0
75	116.0	-7.0	-5.3	-5.3	-11.7	72	0.0000	1.8575	1.2647	261.0	10.9
76	115.0	-7.0	-5.3	-5.3	-11.7	72	0.0000	1.8678	1.2577	261.0	11.4
77	114.0	-7.0	-5.3	-5.3	-11.7	72	0.0000	1.8290	1.2498	261.0	11.7
78	113.0	-7.0	-5.3	-5.3	-11.7	72	0.0000	1.8290	1.2432	261.0	11.7
79	112.0	-7.0	-5.3	-5.3	-11.7	72	0.0000	1.8391	1.2366	261.0	11.9
80	111.0	-7.0	-5.3	-5.3	-11.7	72	0.0000	1.8391	1.2300	261.0	11.7
81	110.0	-7.0	-5.3	-5.3	-11.7	72	0.0000	1.8411	1.2233	261.0	11.7
82	109.0	-7.0	-5.3	-5.3	-11.7	72	0.0000	1.8411	1.2171	261.0	11.4
83	108.0	-7.0	-5.3	-5.3	-11.7	72	0.0000	1.8411	1.2114	261.0	11.0
84	107.0	-7.0	-5.3	-5.3	-11.7	72	0.0000	1.8411	1.2058	261.0	10.8
85	106.0	-7.0	-5.3	-5.3	-11.7	72	0.0000	1.8411	1.1991	261.0	10.5
86	105.0	-7.0	-5.3	-5.3	-11.7	72	0.0000	1.8411	1.1917	261.0	10.3
87	104.0	-7.0	-5.3	-5.3	-11.7	72	0.0000	1.8411	1.1864	261.0	10.3
88	103.0	-7.0	-5.3	-5.3	-11.7	72	0.0000	1.8411	1.1805	261.0	10.0
89	102.0	-7.0	-5.3	-5.3	-11.7	72	0.0000	1.8411	1.1747	261.0	9.6
90	101.0	-7.0	-5.3	-5.3	-11.7	72	0.0000	1.8411	1.1682	261.0	9.1
91	100.0	-7.0	-5.3	-5.3	-11.7	72	0.0000	1.8411	1.1619	261.0	8.6
92	99.0	-7.0	-5.3	-5.3	-11.7	72	0.0000	1.8411	1.1557	261.0	8.3
93	98.0	-7.0	-5.3	-5.3	-11.7	72	0.0000	1.8411	1.1497	261.0	8.0
94	97.0	-7.0	-5.3	-5.3	-11.7	72	0.0000	1.8411	1.1444	261.0	7.7
95	96.0	-7.0	-5.3	-5.3	-11.7	72	0.0000	1.8411	1.1394	261.0	7.4
96	95.0	-7.0	-5.3	-5.3	-11.7	72	0.0000	1.8411	1.1345	261.0	7.1
97	94.0	-7.0	-5.3	-5.3	-11.7	72	0.0000	1.8411	1.1299	261.0	6.8

SOUNDING 42.0
 LATITUDE -62.2
 DATE 11-4-81
 NUMBER OF LEVELS 42
 LONGITUDE 1.0
 TIME 2334 GMT

HEIGHT (M)	PRES (H)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (M)	1E+3*RHOW (G/M+3)	RHO (KG/M+3)	DIR (DEG)	SPEED (M/S)
110	90.0	-7.0	-5.3	-5.3	-11.7	72	0.0000	1.8511	1.2734	260.0	11.0
111	89.0	-7.0	-5.3	-5.3	-11.7	72	0.0000	1.8511	1.2647	261.0	10.9
112	88.0	-7.0	-5.3	-5.3	-11.7	72	0.0000	1.8511	1.2577	261.0	11.4
113	87.0	-7.0	-5.3	-5.3	-11.7	72	0.0000	1.8511	1.2498	261.0	11.7
114	86.0	-7.0	-5.3	-5.3	-11.7	72	0.0000	1.8511	1.2432	261.0	11.7
115	85.0	-7.0	-5.3	-5.3	-11.7	72	0.0000	1.8511	1.2366	261.0	11.9
116	84.0	-7.0	-5.3	-5.3	-11.7	72	0.0000	1.8511	1.2300	261.0	11.7
117	83.0	-7.0	-5.3	-5.3	-11.7	72	0.0000	1.8511	1.2233	261.0	11.7
118	82.0	-7.0	-5.3	-5.3	-11.7	72	0.0000	1.8511	1.2171	261.0	11.4
119	81.0	-7.0	-5.3	-5.3	-11.7	72	0.0000	1.8511	1.2114	261.0	11.0
120	80.0	-7.0	-5.3	-5.3	-11.7	72	0.0000	1.8511	1.2058	261.0	10.8
121	79.0	-7.0	-5.3	-5.3	-11.7	72	0.0000	1.8511	1.1991	261.0	10.5
122	78.0	-7.0	-5.3	-5.3	-11.7	72	0.0000	1.8511	1.1917	261.0	10.3
123	77.0	-7.0	-5.3	-5.3	-11.7	72	0.0000	1.8511	1.1864	261.0	10.3
124	76.0	-7.0	-5.3	-5.3	-11.7	72	0.0000	1.8511	1.1805	261.0	10.0
125	75.0	-7.0	-5.3	-5.3	-11.7	72	0.0000	1.8511	1.1747	261.0	9.6
126	74.0	-7.0	-5.3	-5.3	-11.7	72	0.0000	1.8511	1.1682	261.0	9.1
127	73.0	-7.0	-5.3	-5.3	-11.7	72	0.0000	1.8511	1.1619	261.0	8.6
128	72.0	-7.0	-5.3	-5.3	-11.7	72	0.0000	1.8511	1.1557	261.0	8.3
129	71.0	-7.0	-5.3	-5.3	-11.7	72	0.0000	1.8511	1.1497	261.0	8.0
130	70.0	-7.0	-5.3	-5.3	-11.7	72	0.0000	1.8511	1.1444	261.0	7.7
131	69.0	-7.0	-5.3	-5.3	-11.7	72	0.0000	1.8511	1.1394	261.0	7.4
132	68.0	-7.0	-5.3	-5.3	-11.7	72	0.0000	1.8511	1.1345	261.0	7.1
133	67.0	-7.0	-5.3	-5.3	-11.7	72	0.0000	1.8511	1.1299	261.0	6.8

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MI)	1E+3+RH02 (G/4+3)	RH0 (KG/4+3)	DIR (DEG)	SPEED (K/5)
12400	827.5	-16.6	-2.3	-2.2	-18.6	83.	1.1870	1.0103	1.1246	246.0	6.4
12420	822.8	-16.9	-2.3	-2.1	-18.9	83.	1.1541	0.9835	1.1195	248.0	6.1
12870	817.9	-17.3	-2.2	-2.0	-19.1	84.	1.1250	0.9597	1.1146	248.0	6.0
13340	812.8	-17.6	-2.0	-1.9	-19.3	85.	1.1367	0.9447	1.1089	250.0	5.8
13790	807.9	-17.9	-1.9	-1.7	-19.6	85.	1.0759	0.9194	1.1035	251.6	5.7
14270	802.7	-18.3	-1.8	-1.7	-20.1	84.	1.0237	0.8767	1.0981	252.0	5.6
14760	797.5	-18.7	-1.7	-1.6	-20.6	83.	0.9739	0.8337	1.0927	253.0	5.6
15210	792.6	-19.1	-1.7	-1.5	-21.2	82.	0.9262	0.7964	1.0876	255.0	5.6
15720	787.2	-19.5	-1.6	-1.4	-21.6	82.	0.8815	0.7678	1.0819	257.0	5.6
16250	781.6	-19.8	-1.5	-1.3	-22.3	83.	0.8386	0.7357	1.0709	258.0	5.6
16770	776.2	-19.9	-1.4	-1.3	-23.5	84.	0.8099	0.7033	1.0600	259.0	5.6
17280	770.4	-19.7	-1.3	-1.2	-25.6	83.	0.7828	0.6723	1.0493	260.0	5.6
17800	765.4	-19.3	-1.2	-1.1	-28.6	83.	0.7575	0.6423	1.0381	261.0	5.6
18320	759.8	-18.7	-1.1	-1.0	-32.7	83.	0.7338	0.6128	1.0261	262.0	5.6
18860	753.6	-17.7	-1.0	-0.9	-37.9	83.	0.7117	0.5839	1.0131	263.0	5.6
19400	746.8	-16.7	-0.9	-0.8	-44.4	83.	0.6915	0.5554	1.0001	264.0	5.6
20000	733.6	-16.3	-0.8	-0.7	-51.5	83.	0.6723	0.5273	0.9866	265.0	5.6
22660	718.1	-16.0	-0.7	-0.6	-57.9	83.	0.6541	0.5001	0.9728	266.0	5.6
24140	703.5	-15.8	-0.6	-0.5	-58.8	83.	0.6367	0.4738	0.9589	267.0	5.6
25800	688.1	-15.6	-0.5	-0.4	-59.9	83.	0.6201	0.4481	0.9449	268.0	5.6
27420	673.3	-15.4	-0.4	-0.3	-61.1	83.	0.6041	0.4229	0.9307	269.0	5.6
29030	658.8	-15.2	-0.3	-0.2	-62.4	83.	0.5886	0.3981	0.9164	270.0	5.6
30650	644.5	-15.0	-0.2	-0.1	-63.7	83.	0.5734	0.3738	0.9019	271.6	5.6
32250	630.7	-14.8	-0.1	0.0	-65.0	83.	0.5584	0.3499	0.8876	272.0	5.6
33950	616.3	-14.6	0.0	0.0	-66.2	83.	0.5434	0.3264	0.8733	273.0	5.6
35610	602.3	-14.4	0.1	0.1	-67.5	83.	0.5284	0.3031	0.8591	274.0	5.6
37260	588.9	-14.2	0.2	0.2	-68.8	83.	0.5134	0.2801	0.8449	275.0	5.6
38930	575.7	-14.0	0.3	0.3	-70.1	83.	0.4984	0.2573	0.8307	276.0	5.6
40570	562.6	-13.8	0.4	0.4	-71.4	83.	0.4834	0.2348	0.8164	277.0	5.6
42190	550.0	-13.6	0.5	0.5	-72.7	83.	0.4684	0.2124	0.8021	278.0	5.6
43930	537.7	-13.4	0.6	0.6	-73.9	83.	0.4534	0.1901	0.7878	279.0	5.6
45680	525.4	-13.2	0.7	0.7	-75.2	83.	0.4384	0.1678	0.7735	280.0	5.6
47200	512.9	-13.0	0.8	0.8	-76.5	83.	0.4234	0.1454	0.7591	281.0	5.6
48970	500.3	-12.8	0.9	0.9	-77.8	83.	0.4084	0.1231	0.7448	282.0	5.6
50710	488.1	-12.6	1.0	1.0	-79.1	83.	0.3934	0.1007	0.7304	283.0	5.6
52400	476.5	-12.4	1.1	1.1	-80.4	83.	0.3784	0.0784	0.7161	284.0	5.6
54020	465.6	-12.2	1.2	1.2	-81.7	83.	0.3634	0.0561	0.7017	285.0	5.6
55690	454.4	-12.0	1.3	1.3	-83.0	83.	0.3484	0.0337	0.6874	286.0	5.6
57450	443.3	-11.8	1.4	1.4	-84.3	83.	0.3334	0.0114	0.6731	287.0	5.6
59140	431.1	-11.6	1.5	1.5	-85.6	83.	0.3184	0.0001	0.6588	288.0	5.6
60870	419.7	-11.4	1.6	1.6	-86.9	83.	0.3034	0.0000	0.6445	289.0	5.6
62630	408.3	-11.2	1.7	1.7	-88.2	83.	0.2884	0.0000	0.6302	290.0	5.6
64400	397.9	-11.0	1.8	1.8	-89.5	83.	0.2734	0.0000	0.6159	291.0	5.6
66180	388.4	-10.8	1.9	1.9	-90.8	83.	0.2584	0.0000	0.6016	292.0	5.6
67980	379.1	-10.6	2.0	2.0	-92.1	83.	0.2434	0.0000	0.5873	293.0	5.6
69800	369.8	-10.4	2.1	2.1	-93.4	83.	0.2284	0.0000	0.5730	294.0	5.6
71640	360.5	-10.2	2.2	2.2	-94.7	83.	0.2134	0.0000	0.5587	295.0	5.6
73500	351.1	-10.0	2.3	2.3	-96.0	83.	0.1984	0.0000	0.5444	296.0	5.6
75380	341.7	-9.8	2.4	2.4	-97.3	83.	0.1834	0.0000	0.5301	297.0	5.6
77280	332.3	-9.6	2.5	2.5	-98.6	83.	0.1684	0.0000	0.5158	298.0	5.6
79190	322.9	-9.4	2.6	2.6	-99.9	83.	0.1534	0.0000	0.5015	299.0	5.6
81120	313.5	-9.2	2.7	2.7	-101.2	83.	0.1384	0.0000	0.4872	300.0	5.6
83070	304.1	-9.0	2.8	2.8	-102.5	83.	0.1234	0.0000	0.4729	301.0	5.6
85040	294.7	-8.8	2.9	2.9	-103.8	83.	0.1084	0.0000	0.4586	302.0	5.6
87030	285.3	-8.6	3.0	3.0	-105.1	83.	0.0934	0.0000	0.4443	303.0	5.6
89040	275.9	-8.4	3.1	3.1	-106.4	83.	0.0784	0.0000	0.4300	304.0	5.6
91070	266.5	-8.2	3.2	3.2	-107.7	83.	0.0634	0.0000	0.4157	305.0	5.6
93120	257.1	-8.0	3.3	3.3	-109.0	83.	0.0484	0.0000	0.4014	306.0	5.6
95190	247.7	-7.8	3.4	3.4	-110.3	83.	0.0334	0.0000	0.3871	307.0	5.6
97280	238.3	-7.6	3.5	3.5	-111.6	83.	0.0184	0.0000	0.3728	308.0	5.6
99390	228.9	-7.4	3.6	3.6	-112.9	83.	0.0034	0.0000	0.3585	309.0	5.6
101520	219.5	-7.2	3.7	3.7	-114.2	83.	0.0000	0.0000	0.3442	310.0	5.6
103680	210.1	-7.0	3.8	3.8	-115.5	83.	0.0000	0.0000	0.3299	311.0	5.6
105860	200.7	-6.8	3.9	3.9	-116.8	83.	0.0000	0.0000	0.3156	312.0	5.6
108060	191.3	-6.6	4.0	4.0	-118.1	83.	0.0000	0.0000	0.3013	313.0	5.6
110280	181.9	-6.4	4.1	4.1	-119.4	83.	0.0000	0.0000	0.2870	314.0	5.6
112520	172.5	-6.2	4.2	4.2	-120.7	83.	0.0000	0.0000	0.2727	315.0	5.6
114780	163.1	-6.0	4.3	4.3	-122.0	83.	0.0000	0.0000	0.2584	316.0	5.6
117060	153.7	-5.8	4.4	4.4	-123.3	83.	0.0000	0.0000	0.2441	317.0	5.6
119360	144.3	-5.6	4.5	4.5	-124.6	83.	0.0000	0.0000	0.2298	318.0	5.6
121680	134.9	-5.4	4.6	4.6	-125.9	83.	0.0000	0.0000	0.2155	319.0	5.6
124020	125.5	-5.2	4.7	4.7	-127.2	83.	0.0000	0.0000	0.2012	320.0	5.6
126480	116.1	-5.0	4.8	4.8	-128.5	83.	0.0000	0.0000	0.1869	321.0	5.6
128960	106.7	-4.8	4.9	4.9	-129.8	83.	0.0000	0.0000	0.1726	322.0	5.6
131460	97.3	-4.6	5.0	5.0	-131.1	83.	0.0000	0.0000	0.1583	323.0	5.6
133980	87.9	-4.4	5.1	5.1	-132.4	83.	0.0000	0.0000	0.1440	324.0	5.6
136520	78.5	-4.2	5.2	5.2	-133.7	83.	0.0000	0.0000	0.1297	325.0	5.6
139080	69.1	-4.0	5.3	5.3	-135.0	83.	0.0000	0.0000	0.1154	326.0	5.6
141660	59.7	-3.8	5.4	5.4	-136.3	83.	0.0000	0.0000	0.1011	327.0	5.6
144260	50.3	-3.6	5.5	5.5	-137.6	83.	0.0000	0.0000	0.0868	328.0	5.6
146880	40.9	-3.4	5.6	5.6	-138.9	83.	0.0000	0.0000	0.0725	329.0	5.6
149520	31.5	-3.2	5.7	5.7	-140.2	83.	0.0000	0.0000	0.0582	330.0	5.6
152180	22.1	-3.0	5.8	5.8	-141.5	83.	0.0000	0.0000	0.0439	331.0	5.6
154860	12.7	-2.8	5.9	5.9	-142.8	83.	0.0000	0.0000	0.0296	332.0	5.6
157560	3.3	-2.6	6.0	6.0	-144.1	83.	0.0000	0.0000	0.0153	333.0	5.6
160280	-6.1	-2.4	6.1	6.1	-145.4	83.	0.0000	0.0000	0.0010	334.0	5.6
163020	-15.5	-2.2	6.2	6.2	-146.7	83.	0.0000	0.0000	0.0000	335.0	5.6
165780	-24.9	-2.0	6.3	6.3	-148.0	83.	0.0000	0.0000	0.0000	336.0	5.6
168560	-34.3	-1.8	6.4	6.4	-149.3	83.	0.0000	0.0000	0.0000	337.0	5.6
171360	-43.7	-1.6	6.5	6.5	-150.6	83.	0.0000	0.0000	0.0000	338.0	5.6
174180	-53.1	-1.4	6.6	6.6	-151.9	83.	0.0000	0.0000	0.0000	339.0	5.6
177020	-62.5	-1.2	6.7	6.7	-153.2	83.	0.0000	0.0000	0.0000	340.0	5.6
179880	-71.9	-1.0	6.8	6.8	-154.5	83.	0.0000	0.0000	0.0000	341.0	5.6
182760	-81.3	-0.8	6.9	6.9	-155.8	83.	0.0000	0.0000	0.0000	342.0	5.6
185660	-90.7	-0.6	7.0	7.0	-157.1	83.	0.0000	0.0000	0.0000	343.0	5.6
188580	-100.1	-0.4	7.1	7.1	-158.4	83.	0.0000	0.0000	0.0000	344.0	5.6
191520	-109.5	-0.2	7.2	7.2	-159.7	83.	0.0000	0.0000	0.0000	345.0	5.6
194480	-118.9	0.0	7.3	7.3	-161.0	83.	0.0000	0.0000	0.0000	346.0	5.6
197460	-128.3	0.2	7.4	7.4	-162.3	83.	0.0000	0.0000	0.0000	347.0	5.6
200460	-137.7	0.4	7.5	7.5	-163.6	83.	0.0000	0.0000	0.0000	348.0	5.6
203480	-147.1	0.6	7.6	7.6	-164.9	83.	0.0000	0.0000	0.0000	349.0	5.6
206520	-156.5	0.8	7.7	7.7	-166.2	83.	0.0000	0.0000	0.0000	350.0	5.6
209580	-165.9	1.0	7.8	7.8	-167.5	83.	0.0000	0.0000	0.0000	351.0	5.6
212660	-175.3	1.2	7.9	7.9	-168.8	83.	0.0000	0.0000	0.0000	352.0	5.6
215760	-184.7										

HEIGHT (M)	PRES (MP)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (M)	1E+3-RH0W (G/M+3)	RHO (KG/M+3)	DIR (DEG)	SPEED (KTS)
1551.	791.4	-17.5	0.2	0.3	-19.1	86.	1.1302	0.9640	1.0794	221.0	8.5
1598.	786.4	-17.8	0.3	0.5	-19.4	86.	1.0987	0.9382	1.0738	219.0	8.3
1650.	781.0	-18.3	0.3	0.5	-19.9	86.	1.0648	0.8966	1.0685	218.0	8.1
1700.	775.8	-18.7	0.4	0.6	-20.3	86.	1.0300	0.8646	1.0630	215.0	8.0
1750.	770.6	-19.0	0.4	0.6	-20.6	86.	0.9952	0.8412	1.0571	214.0	8.0
1800.	765.1	-19.3	0.5	1.0	-20.9	86.	0.9604	0.8185	1.0508	212.0	7.8
1850.	759.6	-19.5	1.4	1.4	-21.1	86.	0.9256	0.8036	1.0440	211.0	7.8
1900.	754.2	-19.8	1.6	1.6	-21.7	86.	0.8908	0.7818	1.0378	210.0	7.7
1950.	748.5	-20.1	1.9	1.9	-22.0	86.	0.8560	0.7605	1.0312	209.0	7.6
2000.	742.9	-20.4	2.1	2.1	-22.4	86.	0.8212	0.7397	1.0247	208.0	7.5
2077.	737.3	-20.8	2.2	2.3	-22.4	86.	0.8251	0.7128	1.0185	207.0	7.5
2133.	731.7	-21.3	2.3	2.3	-22.8	86.	0.7861	0.6805	1.0128	207.0	7.4
2187.	726.4	-21.7	2.3	2.4	-23.2	86.	0.7561	0.6556	1.0070	206.0	7.4
2244.	720.8	-22.2	2.4	2.4	-23.7	86.	0.7202	0.6256	1.0012	205.0	7.4
2301.	715.2	-22.7	2.5	2.6	-24.2	86.	0.6856	0.5969	0.9954	205.0	7.4
2359.	709.5	-23.3	2.4	2.6	-24.8	86.	0.6465	0.5641	0.9898	205.0	7.4
2413.	704.3	-23.8	2.5	2.5	-25.3	86.	0.6153	0.5380	0.9845	205.0	7.3
2468.	699.0	-24.4	2.2	2.5	-25.5	86.	0.5803	0.5279	0.9779	204.0	7.4
2518.	694.2	-24.4	2.2	2.2	-25.7	86.	0.5454	0.5179	0.9719	205.0	7.3
2570.	689.3	-25.0	4.4	4.4	-24.7	86.	0.5105	0.5094	0.9613	205.0	7.2
2621.	684.5	-25.4	6.6	6.6	-23.7	86.	0.4756	0.4920	0.9557	205.0	7.2
2671.	679.8	-25.8	7.3	7.3	-24.0	86.	0.4407	0.4682	0.9497	205.0	7.2
2721.	674.7	-26.1	7.4	7.4	-24.3	86.	0.4058	0.4383	0.9438	205.0	7.3
2784.	669.4	-26.5	7.7	7.7	-24.3	86.	0.3709	0.4273	0.9379	205.0	7.2
2845.	663.9	-26.9	8.2	8.2	-24.5	86.	0.3360	0.4110	0.9321	205.0	7.3
2905.	658.5	-27.3	8.7	8.7	-24.5	86.	0.3011	0.3953	0.9262	204.0	7.5
2963.	653.5	-27.7	9.1	9.1	-24.7	86.	0.2662	0.3795	0.9203	204.0	7.6
3015.	648.6	-28.1	9.5	9.5	-24.9	86.	0.2313	0.3637	0.9144	203.0	7.7
3071.	643.7	-28.5	9.7	9.7	-25.2	86.	0.1964	0.3479	0.9085	203.0	7.9
3123.	639.1	-28.9	10.2	10.2	-25.6	86.	0.1615	0.3321	0.9026	203.0	8.0
3175.	634.2	-29.3	10.3	10.3	-25.9	86.	0.1266	0.3163	0.8967	204.0	8.0
3232.	629.6	-29.7	10.4	10.4	-26.2	86.	0.0917	0.3005	0.8908	202.0	8.4
3284.	625.1	-30.1	10.6	10.6	-26.6	86.	0.0568	0.2847	0.8849	201.0	8.7
3340.	620.8	-30.5	10.9	10.9	-27.0	86.	0.0219	0.2689	0.8790	200.0	9.1
3400.	616.0	-30.9	11.1	11.1	-27.3	86.	0.0000	0.2531	0.8731	199.0	9.5
3458.	611.3	-31.3	11.6	11.6	-27.7	86.	0.0000	0.2373	0.8672	198.0	10.0
3511.	606.5	-31.7	11.9	11.9	-28.1	86.	0.0000	0.2215	0.8613	197.0	10.3
3568.	601.3	-32.1	12.4	12.4	-28.5	86.	0.0000	0.2057	0.8554	196.0	10.8
3619.	596.8	-32.5	12.8	12.8	-28.9	86.	0.0000	0.1899	0.8495	195.0	11.1
3673.	592.3	-32.9	13.3	13.3	-29.3	86.	0.0000	0.1741	0.8436	194.0	11.7
3726.	587.8	-33.3	13.7	13.7	-29.7	86.	0.0000	0.1583	0.8377	193.0	12.0
3780.	583.3	-33.7	14.2	14.2	-30.1	86.	0.0000	0.1425	0.8318	192.0	12.1
3835.	578.8	-34.1	14.6	14.6	-30.5	86.	0.0000	0.1267	0.8259	191.0	11.8
3889.	574.3	-34.5	15.1	15.1	-30.9	86.	0.0000	0.1109	0.8200	190.0	11.2
3946.	569.8	-34.9	15.5	15.5	-31.3	86.	0.0000	0.0951	0.8141	189.0	10.7
3996.	565.3	-35.3	16.0	16.0	-31.7	86.	0.0000	0.0793	0.8082	188.0	10.1
4048.	560.8	-35.7	16.4	16.4	-32.1	86.	0.0000	0.0635	0.8023	187.0	9.5
4102.	556.3	-36.1	16.9	16.9	-32.5	86.	0.0000	0.0477	0.7964	186.0	8.9
4157.	551.8	-36.5	17.3	17.3	-32.9	86.	0.0000	0.0319	0.7905	185.0	8.3
4214.	547.3	-36.9	17.8	17.8	-33.3	86.	0.0000	0.0161	0.7846	184.0	7.7
4261.	542.8	-37.3	18.2	18.2	-33.7	86.	0.0000	0.0003	0.7787	183.0	7.1
4315.	538.3	-37.7	18.7	18.7	-34.1	86.	0.0000	0.0000	0.7728	182.0	6.5
4368.	533.8	-38.1	19.1	19.1	-34.5	86.	0.0000	0.0000	0.7669	181.0	5.9
4420.	529.3	-38.5	19.6	19.6	-34.9	86.	0.0000	0.0000	0.7610	180.0	5.3
4472.	524.8	-38.9	20.0	20.0	-35.3	86.	0.0000	0.0000	0.7551	179.0	4.7
4525.	520.3	-39.3	20.5	20.5	-35.7	86.	0.0000	0.0000	0.7492	178.0	4.1
4578.	515.8	-39.7	20.9	20.9	-36.1	86.	0.0000	0.0000	0.7433	177.0	3.5
4629.	511.3	-40.1	21.4	21.4	-36.5	86.	0.0000	0.0000	0.7374	176.0	2.9
4682.	506.8	-40.5	21.8	21.8	-36.9	86.	0.0000	0.0000	0.7315	175.0	2.3
4734.	502.3	-40.9	22.3	22.3	-37.3	86.	0.0000	0.0000	0.7256	174.0	1.7
4787.	497.8	-41.3	22.7	22.7	-37.7	86.	0.0000	0.0000	0.7197	173.0	1.1
4839.	493.3	-41.7	23.2	23.2	-38.1	86.	0.0000	0.0000	0.7138	172.0	0.5
4892.	488.8	-42.1	23.6	23.6	-38.5	86.	0.0000	0.0000	0.7079	171.0	0.0
4945.	484.3	-42.5	24.1	24.1	-38.9	86.	0.0000	0.0000	0.7020	170.0	0.0
4998.	479.8	-42.9	24.5	24.5	-39.3	86.	0.0000	0.0000	0.6961	169.0	0.0
5046.	475.3	-43.3	25.0	25.0	-39.7	86.	0.0000	0.0000	0.6902	168.0	0.0
5098.	470.8	-43.7	25.4	25.4	-40.1	86.	0.0000	0.0000	0.6843	167.0	0.0
5146.	466.3	-44.1	25.9	25.9	-40.5	86.	0.0000	0.0000	0.6784	166.0	0.0
5195.	461.8	-44.5	26.3	26.3	-40.9	86.	0.0000	0.0000	0.6725	165.0	0.0
5243.	457.3	-44.9	26.8	26.8	-41.3	86.	0.0000	0.0000	0.6666	164.0	0.0
5292.	452.8	-45.3	27.2	27.2	-41.7	86.	0.0000	0.0000	0.6607	163.0	0.0
5340.	448.3	-45.7	27.7	27.7	-42.1	86.	0.0000	0.0000	0.6548	162.0	0.0
5389.	443.8	-46.1	28.1	28.1	-42.5	86.	0.0000	0.0000	0.6489	161.0	0.0
5437.	439.3	-46.5	28.6	28.6	-42.9	86.	0.0000	0.0000	0.6430	160.0	0.0
5486.	434.8	-46.9	29.0	29.0	-43.3	86.	0.0000	0.0000	0.6371	159.0	0.0
5534.	430.3	-47.3	29.5	29.5	-43.7	86.	0.0000	0.0000	0.6312	158.0	0.0
5583.	425.8	-47.7	29.9	29.9	-44.1	86.	0.0000	0.0000	0.6253	157.0	0.0
5631.	421.3	-48.1	30.4	30.4	-44.5	86.	0.0000	0.0000	0.6194	156.0	0.0
5680.	416.8	-48.5	30.8	30.8	-44.9	86.	0.0000	0.0000	0.6135	155.0	0.0
5728.	412.3	-48.9	31.3	31.3	-45.3	86.	0.0000	0.0000	0.6076	154.0	0.0
5777.	407.8	-49.3	31.7	31.7	-45.7	86.	0.0000	0.0000	0.6017	153.0	0.0
5825.	403.3	-49.7	32.2	32.2	-46.1	86.	0.0000	0.0000	0.5958	152.0	0.0
5874.	398.8	-50.1	32.6	32.6	-46.5	86.	0.0000	0.0000	0.5899	151.0	0.0
5922.	394.3	-50.5	33.1	33.1	-46.9	86.	0.0000	0.0000	0.5840	150.0	0.0
5971.	389.8	-50.9	33.5	33.5	-47.3	86.	0.0000	0.0000	0.5781	149.0	0.0
6019.	385.3	-51.3	34.0	34.0	-47.7	86.	0.0000	0.0000	0.5722	148.0	0.0
6068.	380.8	-51.7	34.4	34.4	-48.1	86.	0.0000	0.0000	0.5663	147.0	0.0
6116.	376.3	-52.1	34.9	34.9	-48.5	86.	0.0000	0.0000	0.5604	146.0	0.0
6165.	371.8	-52.5	35.3	35.3	-48.9	86.	0.0000	0.0000	0.5545	145.0	0.0
6213.	367.3	-52.9	35.8	35.8	-49.3	86.	0.0000	0.0000	0.5486	144.0	0.0
6262.	362.8	-53.3	36.2	36.2	-49.7	86.	0.0000	0.0000	0.5427	143.0	0.0
6310.	358.3	-53.7	36.7	36.7	-50.1	86.	0.0000	0.0000	0.5368	142.0	0.0
6359.	353.8	-54.1	37.1	37.1	-50.5	86.	0.0000	0.0000	0.5309	141.0	0.0
6407.	349.3	-54.5	37.6	37.6	-50.9	86.	0.0000	0.0000	0.5250	140.0	0.0
6456.	344.8	-54.9	38.0	38.0	-51.3	86.	0.0000	0.0000	0.5191	139.0	0.0
6504.	340.3	-55.3	38.5	38.5	-51.7	86.	0.0000	0.0000	0.5132	138.0	0.0
6553.	335.8	-55.7	38.9	38.9	-52.1	86.	0.0000	0.0000	0.5073	137.0	0.0
6601.	331.3	-56.1	39.4	39.4	-52.5	86.	0.0000	0.0000	0.5014	136.0	0.0
6650.	326.8	-56.5	39.8	39.8	-52.9	86.	0.0000	0.0000	0.4955	135.0	0.0
6698.	322.3	-56.9	40.3	40.3	-53.3	86.	0.0000	0.0000	0.4896	134.0	0.0
6747.	317.8	-57.3	40.7	40.7	-53.7	86.	0.0000	0.0000	0.4837	133.0	0.0
6795.	313.3	-57.7	41.2	41.2	-54.1	86.	0.0000	0.0000	0.4778	132.0	0.0
6844.	308.8	-58.1	41.6	41.6	-54.5	86.	0.0000	0.0000	0.4719	131.0	0.0
6892.	304.3	-58.5	42.1	42.1	-54.9	86.	0.0000	0.0000	0.4660	130	

HEIGHT (M)	PRES (hPa)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	F (M)	1E+3+RHQ (G/M+3)	RHO (KG/M+3)	DIP (C/C)	SPEED (M/S)
7215.	351.7	-51.1	25.2	25.2	-53.6	86.	71	0.0267	0.5535	13.0	14.3
7265.	346.3	-52.0	25.2	25.2	-53.6	86.	71	0.0261	0.5498	13.1	14.3
7311.	341.5	-52.2	25.2	25.2	-53.6	86.	71	0.0257	0.5461	13.1	14.3
7355.	344.1	-52.2	25.2	25.2	-53.6	86.	71	0.0251	0.5428	13.1	14.3
7405.	341.8	-52.2	25.2	25.2	-53.6	86.	71	0.0248	0.5394	13.1	14.3
7445.	338.4	-52.2	25.2	25.2	-53.6	86.	71	0.0244	0.5359	13.1	14.3
7491.	337.7	-52.2	25.2	25.2	-53.6	86.	71	0.0242	0.5337	13.1	14.3
7539.	335.4	-52.2	25.2	25.2	-53.6	86.	71	0.0241	0.5325	13.1	14.3
7585.	333.1	-52.2	25.2	25.2	-53.6	86.	71	0.0237	0.5291	13.1	14.3
7635.	332.7	-52.2	25.2	25.2	-53.6	86.	71	0.0235	0.5278	13.1	14.3
7685.	330.4	-52.2	25.2	25.2	-53.6	86.	71	0.0232	0.5245	13.1	14.3
7735.	329.7	-52.2	25.2	25.2	-53.6	86.	71	0.0230	0.5222	13.1	14.3
7777.	327.4	-52.2	25.2	25.2	-53.6	86.	71	0.0225	0.5186	13.1	14.3
7829.	326.2	-52.2	25.2	25.2	-53.6	86.	71	0.0223	0.5172	13.1	14.3
7882.	318.1	-52.2	25.2	25.2	-53.6	86.	71	0.0223	0.5141	13.1	14.3
7905.	316.0	-52.2	25.2	25.2	-53.6	86.	71	0.0222	0.5110	13.1	14.3
7947.	313.5	-52.2	25.2	25.2	-53.6	86.	71	0.0217	0.5079	13.1	14.3
7991.	311.1	-52.2	25.2	25.2	-53.6	86.	71	0.0212	0.5047	13.1	14.3
8042.	309.9	-52.2	25.2	25.2	-53.6	86.	71	0.0204	0.4917	13.1	14.3
8088.	307.7	-52.2	25.2	25.2	-53.6	86.	71	0.0201	0.4889	13.1	14.3
8135.	305.5	-52.2	25.2	25.2	-53.6	86.	71	0.0199	0.4863	13.1	14.3
8178.	303.1	-52.2	25.2	25.2	-53.6	86.	71	0.0198	0.4836	13.1	14.3
8225.	301.2	-52.2	25.2	25.2	-53.6	86.	71	0.0197	0.4810	13.1	14.3
8268.	299.6	-52.2	25.2	25.2	-53.6	86.	71	0.0196	0.4775	13.1	14.3
8308.	298.8	-52.2	25.2	25.2	-53.6	86.	71	0.0195	0.4744	13.1	14.3
8355.	294.7	-52.2	25.2	25.2	-53.6	86.	71	0.0191	0.4715	13.1	14.3
8396.	292.2	-52.2	25.2	25.2	-53.6	86.	71	0.0187	0.4686	13.1	14.3
8438.	290.0	-52.2	25.2	25.2	-53.6	86.	71	0.0185	0.4657	13.1	14.3
8477.	288.8	-52.2	25.2	25.2	-53.6	86.	71	0.0185	0.4628	13.1	14.3
8516.	288.7	-52.2	25.2	25.2	-53.6	86.	71	0.0183	0.4600	13.1	14.3
8561.	288.5	-52.2	25.2	25.2	-53.6	86.	71	0.0181	0.4572	13.1	14.3
8604.	286.3	-52.2	25.2	25.2	-53.6	86.	71	0.0179	0.4543	13.1	14.3
8644.	281.4	-52.2	25.2	25.2	-53.6	86.	71	0.0175	0.4517	13.1	14.3
8685.	279.9	-52.2	25.2	25.2	-53.6	86.	71	0.0173	0.4490	13.1	14.3
8725.	277.7	-52.2	25.2	25.2	-53.6	86.	71	0.0173	0.4461	13.1	14.3
8765.	275.5	-52.2	25.2	25.2	-53.6	86.	71	0.0171	0.4434	13.1	14.3
8811.	273.0	-52.2	25.2	25.2	-53.6	86.	71	0.0167	0.4408	13.1	14.3
8855.	272.2	-52.2	25.2	25.2	-53.6	86.	71	0.0165	0.4381	13.1	14.3
8897.	270.4	-52.2	25.2	25.2	-53.6	86.	71	0.0164	0.4354	13.1	14.3
8939.	268.6	-52.2	25.2	25.2	-53.6	86.	71	0.0164	0.4325	13.1	14.3
8982.	266.8	-52.2	25.2	25.2	-53.6	86.	71	0.0162	0.4298	13.1	14.3
9022.	265.1	-52.2	25.2	25.2	-53.6	86.	71	0.0160	0.4273	13.1	14.3
9067.	263.3	-52.2	25.2	25.2	-53.6	86.	71	0.0158	0.4246	13.1	14.3
9111.	261.3	-52.2	25.2	25.2	-53.6	86.	71	0.0156	0.4221	13.1	14.3
9157.	259.5	-52.2	25.2	25.2	-53.6	86.	71	0.0154	0.4196	13.1	14.3
9200.	257.7	-52.2	25.2	25.2	-53.6	86.	71	0.0152	0.4171	13.1	14.3
9245.	255.9	-52.2	25.2	25.2	-53.6	86.	71	0.0150	0.4144	13.1	14.3
9285.	254.1	-52.2	25.2	25.2	-53.6	86.	71	0.0148	0.4116	13.1	14.3
9333.	252.3	-52.2	25.2	25.2	-53.6	86.	71	0.0146	0.4089	13.1	14.3
9377.	250.5	-52.2	25.2	25.2	-53.6	86.	71	0.0144	0.4060	13.1	14.3
9424.	248.4	-52.2	25.2	25.2	-53.6	86.	71	0.0142	0.4033	13.1	14.3
9465.	247.0	-52.2	25.2	25.2	-53.6	86.	71	0.0140	0.4000	13.1	14.3
9513.	245.2	-52.2	25.2	25.2	-53.6	86.	71	0.0138	0.3981	13.1	14.3
9555.	243.5	-52.2	25.2	25.2	-53.6	86.	71	0.0136	0.3956	13.1	14.3
9600.	241.8	-52.2	25.2	25.2	-53.6	86.	71	0.0134	0.3932	13.1	14.3
9647.	240.0	-52.2	25.2	25.2	-53.6	86.	71	0.0132	0.3906	13.1	14.3
9694.	238.4	-52.2	25.2	25.2	-53.6	86.	71	0.0130	0.3879	13.1	14.3
9739.	236.6	-52.2	25.2	25.2	-53.6	86.	71	0.0128	0.3852	13.1	14.3
9784.	234.8	-52.2	25.2	25.2	-53.6	86.	71	0.0126	0.3829	13.1	14.3
9825.	233.1	-52.2	25.2	25.2	-53.6	86.	71	0.0124	0.3804	13.1	14.3
9870.	231.6	-52.2	25.2	25.2	-53.6	86.	71	0.0122	0.3782	13.1	14.3
9915.	230.0	-52.2	25.2	25.2	-53.6	86.	71	0.0120	0.3757	13.1	14.3
9956.	228.4	-52.2	25.2	25.2	-53.6	86.	71	0.0118	0.3733	13.1	14.3
10000.	226.7	-52.2	25.2	25.2	-53.6	86.	71	0.0116	0.3705	13.1	14.3
10044.	225.1	-52.2	25.2	25.2	-53.6	86.	71	0.0114	0.3679	13.1	14.3
10088.	223.4	-52.2	25.2	25.2	-53.6	86.	71	0.0112	0.3654	13.1	14.3
10133.	221.8	-52.2	25.2	25.2	-53.6	86.	71	0.0110	0.3630	13.1	14.3
10175.	220.0	-52.2	25.2	25.2	-53.6	86.	71	0.0108	0.3607	13.1	14.3
10215.	218.2	-52.2	25.2	25.2	-53.6	86.	71	0.0106	0.3588	13.1	14.3
10255.	217.7	-52.2	25.2	25.2	-53.6	86.	71	0.0104	0.3561	13.1	14.3
10301.	216.1	-52.2	25.2	25.2	-53.6	86.	71	0.0102	0.3534	13.1	14.3
10346.	214.5	-52.2	25.2	25.2	-53.6	86.	71	0.0100	0.3507	13.1	14.3
10388.	213.1	-52.2	25.2	25.2	-53.6	86.	71	0.0098	0.3486	13.1	14.3
10435.	211.6	-52.2	25.2	25.2	-53.6	86.	71	0.0096	0.3460	13.1	14.3
10474.	210.2	-52.2	25.2	25.2	-53.6	86.	71	0.0094	0.3434	13.1	14.3
10515.	208.8	-52.2	25.2	25.2	-53.6	86.	71	0.0092	0.3416	13.1	14.3
10560.	207.3	-52.2	25.2	25.2	-53.6	86.	71	0.0090	0.3388	13.1	14.3
10602.	205.9	-52.2	25.2	25.2	-53.6	86.	71	0.0088	0.3365	13.1	14.3
10645.	204.5	-52.2	25.2	25.2	-53.6	86.	71	0.0086	0.3342	13.1	14.3
10688.	203.1	-52.2	25.2	25.2	-53.6	86.	71	0.0084	0.3319	13.1	14.3
10731.	201.7	-52.2	25.2	25.2	-53.6	86.	71	0.0082	0.3298	13.1	14.3
10775.	200.1	-52.2	25.2	25.2	-53.6	86.	71	0.0080	0.3273	13.1	14.3
10827.	198.6	-52.2	25.2	25.2	-53.6	86.	71	0.0078	0.3249	13.1	14.3
10874.	197.1	-52.2	25.2	25.2	-53.6	86.	71	0.0076	0.3224	13.1	14.3
10916.	195.8	-52.2	25.2	25.2	-53.6	86.	71	0.0074	0.3202	13.1	14.3
10963.	194.4	-52.2	25.2	25.2	-53.6	86.	71	0.0072	0.3180	13.1	14.3
11005.	193.0	-52.2	25.2	25.2	-53.6	86.	71	0.0070	0.3157	13.1	14.3
11050.	191.5	-52.2	25.2	25.2	-53.6	86.	71	0.0068	0.3133	13.1	14.3
11103.	190.0	-52.2	25.2	25.2	-53.6	86.	71	0.0066	0.3108	13.1	14.3
11142.	188.8	-52.2	25.2	25.2	-53.6	86.	71	0.0064	0.3089	13.1	14.3
11189.	187.4	-52.2	25.2	25.2	-53.6	86.	71	0.0062	0.3066	13.1	14.3
11235.	186.0	-52.2	25.2	25.2	-53.6	86.	71	0.0060	0.3043	13.1	14.3
11279.	184.7	-52.2	25.2	25.2	-53.6	86.	71	0.0058	0.3023	13.1	14.3
11325.	183.3	-52.2	25.2	25.2	-53.6	86.	71	0.0056	0.3003	13.1	14.3
11374.	181.9	-52.2	25.2	25.2	-53.6	86.	71	0.0054	0.2981	13.1	14.3
11422.	180.5	-52.2	25.2	25.2	-53.6	86.	71	0.0052	0.2960	13.1	14.3
11474.	179.0	-52.2	25.2	25.2	-53.6	86.	71	0.0050	0.2937	13.1	14.3
11522.	177.6	-52.2	25.2	25.2	-53.6	86.	71	0.0048	0.2914	13.1	14.3
11568.	176.3	-52.2	25.2	25.2	-53.6	86.	71	0.0046	0.2894	13.1	14.3
11615.	175.0	-52.2	25.2	25.2	-53.6	86.	71	0.0044	0.2872	13.1	14.3
11655.	173.8	-52.2	25.2	25.2	-53.6	86.	71	0.0042	0.2853	13.1	14.3
11703.	172.5	-52.2	25.2	25.2	-53.6	86.	71	0.0040	0.2833	13.1	14.3
11750.	171.2	-52.2	25.2	25.2	-53.6	86.	71	0.0038	0.2813	13.1	14.3
11801.	169.8	-52.2	25.2	25.2	-53.6	86.	71	0.0036	0.2792	13.1	14.3
11849.	168.5	-52.2	25.2	25.2	-53.6	86.	71	0.0034	0.2772	13.1	14.3
11896.	167.2	-52.2	25.2	25.2	-53.6	86.	71	0.0032	0.2751	13.1	14.3
11941.	166.0	-52.2	25.2	25.2	-53.6	86.	71	0.0030			

HEIGHT (M)	PRES (MP)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	F (M)	1E+3*RH0V (G/M+3)	RH0 (G/M+3)	TIR (DEC)	SPEED (MPS)
12077.1	151.4	-61.1	122.6	122.6	-61.1	86.6	76	0.00378	0.26573	261.0	37.3
12107.1	151.1	-61.1	122.7	122.7	-61.1	86.6	74	0.00377	0.26553	261.0	37.5
12137.1	150.8	-61.1	122.8	122.8	-61.1	86.6	74	0.00376	0.26533	261.0	37.6
12167.1	150.5	-61.1	122.9	122.9	-61.1	86.6	74	0.00375	0.26513	261.0	37.7
12197.1	150.2	-61.1	123.0	123.0	-61.1	86.6	74	0.00374	0.26494	261.0	37.8
12227.1	149.9	-61.1	123.1	123.1	-61.1	86.6	74	0.00373	0.26475	261.0	37.9
12257.1	149.6	-61.1	123.2	123.2	-61.1	86.6	74	0.00372	0.26455	261.0	38.0
12287.1	149.3	-61.1	123.3	123.3	-61.1	86.6	74	0.00371	0.26438	261.0	38.1
12317.1	149.0	-61.1	123.4	123.4	-61.1	86.6	74	0.00370	0.26420	261.0	38.2
12347.1	148.7	-61.1	123.5	123.5	-61.1	86.6	74	0.00369	0.26403	261.0	38.3
12377.1	148.4	-61.1	123.6	123.6	-61.1	86.6	74	0.00368	0.26386	261.0	38.4
12407.1	148.1	-61.1	123.7	123.7	-61.1	86.6	74	0.00367	0.26369	261.0	38.5
12437.1	147.8	-61.1	123.8	123.8	-61.1	86.6	74	0.00366	0.26352	261.0	38.6
12467.1	147.5	-61.1	123.9	123.9	-61.1	86.6	74	0.00365	0.26335	261.0	38.7
12497.1	147.2	-61.1	124.0	124.0	-61.1	86.6	74	0.00364	0.26318	261.0	38.8
12527.1	146.9	-61.1	124.1	124.1	-61.1	86.6	74	0.00363	0.26301	261.0	38.9
12557.1	146.6	-61.1	124.2	124.2	-61.1	86.6	74	0.00362	0.26284	261.0	39.0
12587.1	146.3	-61.1	124.3	124.3	-61.1	86.6	74	0.00361	0.26267	261.0	39.1
12617.1	146.0	-61.1	124.4	124.4	-61.1	86.6	74	0.00360	0.26250	261.0	39.2
12647.1	145.7	-61.1	124.5	124.5	-61.1	86.6	74	0.00359	0.26233	261.0	39.3
12677.1	145.4	-61.1	124.6	124.6	-61.1	86.6	74	0.00358	0.26216	261.0	39.4
12707.1	145.1	-61.1	124.7	124.7	-61.1	86.6	74	0.00357	0.26199	261.0	39.5
12737.1	144.8	-61.1	124.8	124.8	-61.1	86.6	74	0.00356	0.26182	261.0	39.6
12767.1	144.5	-61.1	124.9	124.9	-61.1	86.6	74	0.00355	0.26165	261.0	39.7
12797.1	144.2	-61.1	125.0	125.0	-61.1	86.6	74	0.00354	0.26148	261.0	39.8
12827.1	143.9	-61.1	125.1	125.1	-61.1	86.6	74	0.00353	0.26131	261.0	39.9
12857.1	143.6	-61.1	125.2	125.2	-61.1	86.6	74	0.00352	0.26114	261.0	40.0
12887.1	143.3	-61.1	125.3	125.3	-61.1	86.6	74	0.00351	0.26097	261.0	40.1
12917.1	143.0	-61.1	125.4	125.4	-61.1	86.6	74	0.00350	0.26080	261.0	40.2
12947.1	142.7	-61.1	125.5	125.5	-61.1	86.6	74	0.00349	0.26063	261.0	40.3
12977.1	142.4	-61.1	125.6	125.6	-61.1	86.6	74	0.00348	0.26046	261.0	40.4
13007.1	142.1	-61.1	125.7	125.7	-61.1	86.6	74	0.00347			

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHQV (G/M+3)	RHO (KG/M+3)	DPR (DEG)	SPEED (M/S)
17385.	68.8	-7.0	183.2	183.2	-21.8	86.	0.0085	0.0087	0.1128	272.0	40.1
17435.	67.3	-7.0	184.1	184.1	-21.8	86.	0.0085	0.0087	0.1128	272.0	40.1
17485.	67.7	-6.7	185.3	185.3	-21.6	86.	0.0085	0.0087	0.1110	271.0	40.2
17531.	67.2	-6.6	186.5	186.5	-21.7	86.	0.0086	0.0088	0.1101	271.0	40.3
17587.	66.6	-6.4	188.1	188.1	-21.5	86.	0.0086	0.0089	0.1091	271.0	40.4
17641.	66.1	-6.2	189.2	189.2	-21.3	86.	0.0086	0.0093	0.1081	271.0	40.7
17691.	65.8	-6.0	190.2	190.2	-21.0	86.	0.0086	0.0094	0.1072	271.0	40.9
17729.	65.1	-5.9	192.3	192.3	-20.7	86.	0.0086	0.0100	0.1062	272.0	41.2
17766.	64.5	-5.9	194.3	194.3	-20.6	86.	0.0086	0.0101	0.1052	272.0	41.5
17835.	64.0	-5.6	195.3	195.3	-20.4	86.	0.0086	0.0102	0.1043	272.0	41.7
17889.	63.6	-5.5	197.2	197.2	-20.3	86.	0.0086	0.0104	0.1034	272.0	41.9
17944.	63.0	-5.4	198.6	198.6	-20.1	86.	0.0086	0.0106	0.1025	272.0	42.2
17993.	62.5	-5.4	199.9	199.9	-20.0	86.	0.0086	0.0108	0.1016	272.0	42.4
18044.	62.0	-5.3	201.4	201.4	-19.9	86.	0.0086	0.0111	0.1007	272.0	42.6
18085.	61.5	-5.2	202.7	202.7	-19.8	86.	0.0086	0.0112	0.0999	271.0	42.8
18136.	61.0	-5.1	204.0	204.0	-19.7	86.	0.0086	0.0113	0.0990	271.0	43.2
18167.	60.5	-5.0	205.3	205.3	-19.6	86.	0.0086	0.0117	0.0981	271.0	43.4
18246.	60.0	-4.9	206.6	206.6	-19.5	86.	0.0086	0.0120	0.0972	271.0	43.6
18302.	59.5	-4.8	207.9	207.9	-19.4	86.	0.0086	0.0123	0.0964	270.0	43.8
18345.	59.0	-4.7	209.1	209.1	-19.3	86.	0.0086	0.0125	0.0955	270.0	43.9
18399.	58.6	-4.6	210.4	210.4	-19.2	86.	0.0086	0.0127	0.0946	270.0	43.6
18453.	58.0	-4.5	211.6	211.6	-19.1	86.	0.0086	0.0130	0.0937	270.0	43.6
18497.	57.6	-4.4	212.8	212.8	-19.0	86.	0.0086	0.0132	0.0930	270.0	43.5
18552.	57.1	-4.3	214.0	214.0	-18.9	86.	0.0086	0.0135	0.0921	270.0	43.5
18607.	56.6	-4.2	215.2	215.2	-18.8	86.	0.0086	0.0137	0.0913	270.0	43.3
18652.	56.2	-4.1	216.4	216.4	-18.7	86.	0.0086	0.0141	0.0905	269.0	43.2
18707.	55.7	-4.0	217.6	217.6	-18.6	86.	0.0086	0.0142	0.0897	269.0	43.0
18754.	55.3	-3.9	218.8	218.8	-18.5	86.	0.0086	0.0145	0.0890	269.0	42.8
18812.	54.8	-3.8	220.0	220.0	-18.4	86.	0.0086	0.0149	0.0881	268.0	42.4
18869.	54.4	-3.7	221.2	221.2	-18.3	86.	0.0086	0.0152	0.0874	268.0	42.3
18917.	54.0	-3.6	222.4	222.4	-18.2	86.	0.0086	0.0154	0.0866	268.0	42.0
18964.	53.5	-3.5	223.6	223.6	-18.1	86.	0.0086	0.0158	0.0858	268.0	41.8
19024.	53.0	-3.4	224.8	224.8	-18.0	86.	0.0086	0.0160	0.0850	268.0	41.7
19072.	52.6	-3.3	226.0	226.0	-17.9	86.	0.0086	0.0162	0.0843	268.0	41.3
19125.	52.2	-3.2	227.2	227.2	-17.8	86.	0.0086	0.0167	0.0836	268.0	41.0
19169.	51.8	-3.1	228.4	228.4	-17.7	86.	0.0086	0.0162	0.0830	268.0	40.7
19211.	51.3	-3.0	229.6	229.6	-17.6	86.	0.0086	0.0158	0.0823	268.0	40.5
19260.	50.9	-2.9	230.8	230.8	-17.5	86.	0.0086	0.0154	0.0817	269.0	40.2
19305.	50.5	-2.8	232.0	232.0	-17.4	86.	0.0086	0.0150	0.0811	269.0	40.1
19381.	50.1	-2.7	233.2	233.2	-17.3	86.	0.0086	0.0148	0.0806	269.0	40.1
19432.	49.7	-2.6	234.4	234.4	-17.2	86.	0.0086	0.0149	0.0799	270.0	39.9
19483.	49.3	-2.5	235.6	235.6	-17.1	86.	0.0086	0.0144	0.0794	270.0	39.7
19534.	48.9	-2.4	236.8	236.8	-17.0	86.	0.0086	0.0143	0.0788	270.0	39.6
19586.	48.5	-2.3	238.0	238.0	-16.9	86.	0.0086	0.0137	0.0782	270.0	39.6
19631.	48.1	-2.2	239.2	239.2	-16.8	86.	0.0086	0.0136	0.0777	271.0	39.6
19674.	47.6	-2.1	240.4	240.4	-16.7	86.	0.0086	0.0133	0.0768	271.0	39.7
19758.	47.2	-2.0	241.6	241.6	-16.6	86.	0.0086	0.0135	0.0761	272.0	39.7
19796.	46.6	-1.9	242.8	242.8	-16.5	86.	0.0086	0.0134	0.0755	272.0	39.8

SOUNDING 44.8
 LATITUDE -62.1 LONGITUDE 1.2
 DATE 11-5-81 TIME 2341 GMT
 NUMBER OF LEVELS 600

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHQV (G/M+3)	RHO (KG/M+3)	DPR (DEG)	SPEED (M/S)
0.	975.7	-7.0	-5.4	-5.1	-9.1	83.	2.8190	2.3135	1.2833	225.0	7.0
10.	971.0	-7.0	-5.4	-5.1	-9.6	84.	2.7378	2.2261	1.2760	225.0	6.9
120.	963.5	-8.1	-5.3	-5.1	-10.1	84.	2.5920	2.1349	1.2685	217.0	6.6
178.	956.5	-8.0	-5.2	-5.0	-10.4	85.	2.5103	2.0705	1.2616	213.0	9.1
234.	949.6	-8.0	-5.1	-4.8	-10.8	85.	2.4255	2.0018	1.2543	209.0	8.8
292.	942.5	-9.4	-4.9	-4.4	-11.1	86.	2.3665	1.9571	1.2468	207.0	10.5
347.	935.5	-9.9	-4.8	-4.3	-11.6	86.	2.2643	1.8753	1.2402	205.0	10.9
402.	928.5	-10.3	-4.7	-4.2	-12.1	87.	2.1716	1.8022	1.2341	203.0	11.1
457.	922.5	-11.0	-4.6	-4.1	-12.5	87.	2.0767	1.7267	1.2273	202.0	11.4
512.	915.5	-11.9	-4.5	-4.0	-13.0	88.	1.9805	1.6588	1.2212	201.0	11.5
567.	908.5	-12.1	-4.4	-3.9	-13.5	88.	1.8800	1.5802	1.2143	199.0	11.4
622.	901.5	-12.1	-4.3	-3.8	-14.0	89.	1.7794	1.5032	1.2078	199.0	11.3
677.	894.5	-11.1	-4.2	-3.7	-14.4	90.	1.6787	1.4271	1.2016	199.0	11.2
732.	887.5	-10.9	-4.1	-3.6	-14.7	90.	1.5783	1.3524	1.1945	199.0	11.2
787.	880.5	-10.0	-4.0	-3.5	-15.1	91.	1.4784	1.2776	1.1875	198.0	11.1
842.	873.5	-9.1	-3.9	-3.4	-15.4	91.	1.3784	1.2024	1.1805	198.0	11.1
897.	866.5	-8.1	-3.8	-3.3	-15.8	92.	1.2784	1.1276	1.1730	200.0	11.4
952.	859.5	-7.1	-3.7	-3.2	-16.2	92.	1.1784	1.0527	1.1652	200.0	11.5
1007.	852.5	-6.1	-3.6	-3.1	-16.6	93.	1.0784	0.9777	1.1589	201.0	11.4
1062.	845.5	-5.1	-3.5	-3.0	-17.0	93.	0.9784	0.9027	1.1521	202.0	11.4
1117.	838.5	-4.1	-3.4	-2.9	-17.4	94.	0.8784	0.8277	1.1452	203.0	11.2
1172.	831.5	-3.1	-3.3	-2.8	-17.8	94.	0.7784	0.7527	1.1382	205.0	11.2
1227.	824.5	-2.1	-3.2	-2.7	-18.2	95.	0.6784	0.6777	1.1313	206.0	11.2
1282.	817.5	-1.1	-3.1	-2.6	-18.6	96.	0.5784	0.5977	1.1243	206.0	11.2
1337.	810.5	-0.1	-3.0	-2.5	-19.0	97.	0.4784	0.5177	1.1173	206.0	11.2
1392.	803.5	0.9	-2.9	-2.4	-19.4	98.	0.3784	0.4377	1.1103	206.0	11.2
1447.	796.5	1.9	-2.8	-2.3	-19.8	99.	0.2784	0.3577	1.1033	206.0	11.2
1502.	789.5	2.9	-2.7	-2.2	-20.2	99.	0.1784	0.2777	1.0963	206.0	11.2
1557.	782.5	3.9	-2.6	-2.1	-20.6	99.	0.0784	0.1977	1.0893	206.0	11.2
1612.	775.5	4.9	-2.5	-2.0	-21.0	99.	0.0000	0.1177	1.0823	206.0	11.2
1667.	768.5	5.9	-2.4	-1.9	-21.4	99.	0.0000	0.0377	1.0753	206.0	11.2
1722.	761.5	6.9	-2.3	-1.8	-21.8	99.	0.0000	0.0000	1.0683	206.0	11.2
1777.	754.5	7.9	-2.2	-1.7	-22.2	99.	0.0000	0.0000	1.0613	206.0	11.2
1832.	747.5	8.9	-2.1	-1.6	-22.6	99.	0.0000	0.0000	1.0543	206.0	11.2
1887.	740.5	9.9	-2.0	-1.5	-23.0	99.	0.0000	0.0000	1.0473	206.0	11.2
1942.	733.5	10.9	-1.9	-1.4	-23.4	99.	0.0000	0.0000	1.0403	206.0	11.2
1997.	726.5	11.9	-1.8	-1.3	-23.8	99.	0.0000	0.0000	1.0333	206.0	11.2
2052.	719.5	12.9	-1.7	-1.2	-24.2	99.	0.0000	0.0000	1.0263	206.0	11.2
2107.	712.5	13.9	-1.6	-1.1	-24.6	99.	0.0000	0.0000	1.0193	206.0	11.2
2162.	705.5	14.9	-1.5	-1.0	-25.0	99.	0.0000	0.0000	1.0123	206.0	11.2
2217.	698.5	15.9	-1.4	-0.9	-25.4	99.	0.0000	0.0000	1.0053	206.0	11.2
2272.	691.5	16.9	-1.3	-0.8	-25.8	99.	0.0000	0.0000	0.9983	206.0	11.2
2327.	684.5	17.9	-1.2	-0.7	-26.2	99.	0.0000	0.0000	0.9913	206.0	11.2
2382.	677.5	18.9	-1.1	-0.6	-26.6	99.	0.0000	0.0000	0.9843	206.0	11.2
2437.	670.5	19.9	-1.0	-0.5	-27.0	99.	0.0000	0.0000	0.9773	206.0	11.2

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3+RH0 (G/M+0.2)	RH0 (KG/M+0.3)	DIR (DEG)	SPEED (M/S)
244.4	707.6	-19.7	6.6	6.7	-26.6	54.	0.5758	0.5047	0.9734	220.	12.4
248.2	708.6	-19.7	6.6	6.7	-26.6	53.	0.5737	0.4912	0.9693	220.	12.4
251.8	709.1	-20.0	6.7	7.1	-26.5	51.	0.5534	0.4648	0.9654	220.	12.6
255.7	699.7	-20.0	6.7	7.1	-26.5	50.	0.5391	0.4477	0.9610	220.	12.6
259.5	689.7	-20.0	6.7	7.4	-26.5	47.	0.4755	0.4226	0.9568	220.	12.6
264.0	680.7	-20.0	6.7	7.4	-26.5	47.	0.4552	0.4034	0.9521	220.	12.6
268.1	680.7	-20.0	6.7	7.4	-26.5	47.	0.4444	0.3935	0.9471	220.	12.6
272.1	680.7	-20.0	6.7	7.4	-26.5	45.	0.4552	0.4034	0.9403	220.	12.6
275.9	677.5	-20.0	6.7	7.4	-26.5	45.	0.4517	0.4008	0.9347	220.	12.6
279.4	675.5	-20.0	6.7	7.4	-26.5	45.	0.4517	0.4008	0.9303	220.	12.6
282.7	672.5	-20.0	6.7	7.4	-26.5	45.	0.4517	0.4008	0.9266	220.	12.6
285.1	667.4	-20.0	6.7	7.4	-26.5	45.	0.4444	0.3935	0.9234	220.	12.6
289.9	661.2	-20.0	6.7	7.4	-26.5	45.	0.4444	0.3935	0.9197	220.	12.6
292.4	661.2	-20.0	6.7	7.4	-26.5	45.	0.4444	0.3935	0.9164	220.	12.6
296.1	655.4	-21.1	6.7	7.4	-26.5	45.	0.4112	0.3722	0.9131	220.	12.6
299.4	655.4	-21.1	6.7	7.4	-26.5	45.	0.4112	0.3722	0.9095	220.	12.6
302.4	655.4	-21.1	6.7	7.4	-26.5	45.	0.4112	0.3722	0.9058	220.	12.6
306.3	644.3	-21.1	6.7	7.4	-26.5	45.	0.3883	0.3553	0.9020	220.	12.6
309.7	644.3	-21.1	6.7	7.4	-26.5	45.	0.3883	0.3553	0.8982	220.	12.6
313.3	644.3	-21.1	6.7	7.4	-26.5	45.	0.3883	0.3553	0.8944	220.	12.6
316.6	644.3	-21.1	6.7	7.4	-26.5	45.	0.3883	0.3553	0.8909	220.	12.6
320.0	633.3	-21.1	6.7	7.4	-26.5	45.	0.3883	0.3553	0.8864	220.	12.6
323.3	633.3	-21.1	6.7	7.4	-26.5	45.	0.3883	0.3553	0.8831	220.	12.6
327.7	622.7	-21.1	6.7	7.4	-26.5	45.	0.3883	0.3553	0.8794	220.	12.6
330.0	622.7	-21.1	6.7	7.4	-26.5	45.	0.3883	0.3553	0.8759	220.	12.6
333.6	622.7	-21.1	6.7	7.4	-26.5	45.	0.3883	0.3553	0.8719	220.	12.6
336.6	622.7	-21.1	6.7	7.4	-26.5	45.	0.3883	0.3553	0.8687	220.	12.6
340.0	611.1	-21.1	6.7	7.4	-26.5	45.	0.3883	0.3553	0.8650	220.	12.6
343.4	611.1	-21.1	6.7	7.4	-26.5	45.	0.3883	0.3553	0.8615	220.	12.6
347.0	611.1	-21.1	6.7	7.4	-26.5	45.	0.3883	0.3553	0.8580	220.	12.6
350.4	611.1	-21.1	6.7	7.4	-26.5	45.	0.3883	0.3553	0.8545	220.	12.6
353.6	600.0	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.8509	220.	12.6
356.6	600.0	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.8474	220.	12.6
359.7	600.0	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.8439	220.	12.6
363.2	600.0	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.8403	220.	12.6
366.4	600.0	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.8368	220.	12.6
369.7	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.8332	220.	12.6
372.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.8297	220.	12.6
376.1	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.8261	220.	12.6
379.7	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.8226	220.	12.6
382.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.8190	220.	12.6
385.9	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.8155	220.	12.6
389.2	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.8119	220.	12.6
392.5	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.8084	220.	12.6
395.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.8048	220.	12.6
399.0	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.8013	220.	12.6
402.4	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.7977	220.	12.6
405.5	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.7942	220.	12.6
408.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.7906	220.	12.6
411.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.7871	220.	12.6
414.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.7835	220.	12.6
417.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.7800	220.	12.6
420.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.7764	220.	12.6
423.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.7729	220.	12.6
426.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.7693	220.	12.6
429.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.7658	220.	12.6
432.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.7622	220.	12.6
435.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.7587	220.	12.6
438.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.7551	220.	12.6
441.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.7516	220.	12.6
444.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.7480	220.	12.6
447.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.7445	220.	12.6
450.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.7409	220.	12.6
453.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.7374	220.	12.6
456.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.7338	220.	12.6
459.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.7303	220.	12.6
462.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.7267	220.	12.6
465.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.7232	220.	12.6
468.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.7196	220.	12.6
471.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.7161	220.	12.6
474.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.7125	220.	12.6
477.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.7090	220.	12.6
480.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.7054	220.	12.6
483.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.7019	220.	12.6
486.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.6983	220.	12.6
489.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.6948	220.	12.6
492.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.6912	220.	12.6
495.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.6877	220.	12.6
498.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.6841	220.	12.6
501.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.6806	220.	12.6
504.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.6770	220.	12.6
507.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.6735	220.	12.6
510.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.6699	220.	12.6
513.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.6664	220.	12.6
516.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.6628	220.	12.6
519.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.6593	220.	12.6
522.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.6557	220.	12.6
525.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.6522	220.	12.6
528.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.6486	220.	12.6
531.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.6451	220.	12.6
534.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.6415	220.	12.6
537.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.6380	220.	12.6
540.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.6344	220.	12.6
543.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.6309	220.	12.6
546.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.6273	220.	12.6
549.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.6238	220.	12.6
552.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.6202	220.	12.6
555.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.6167	220.	12.6
558.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.6131	220.	12.6
561.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.6096	220.	12.6
564.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.6060	220.	12.6
567.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.6025	220.	12.6
570.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.5989	220.	12.6
573.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.5954	220.	12.6
576.8	599.7	-22.4	6.7	7.4	-26.5	45.	0.3883	0.3553	0.5918	220.	12.6
579.8	599.7	-2									

HEIGHT (M)	PRES (hPa)	T (C)	THEA (C)	THEAV (C)	DEW POINT (C)	REL HUM (%)	F (M)	1E+3+H02 (G+0.5)	4H0 (KG+0.3)	IR (C/C)	SPEED (M/S)
1.1	1013.1	15.1	15.1	15.1	15.1	100	1.1	1.1	1.1	1.1	1.1
1.2	1013.0	15.0	15.0	15.0	15.0	100	1.2	1.2	1.2	1.2	1.2
1.3	1012.9	14.9	14.9	14.9	14.9	100	1.3	1.3	1.3	1.3	1.3
1.4	1012.8	14.8	14.8	14.8	14.8	100	1.4	1.4	1.4	1.4	1.4
1.5	1012.7	14.7	14.7	14.7	14.7	100	1.5	1.5	1.5	1.5	1.5
1.6	1012.6	14.6	14.6	14.6	14.6	100	1.6	1.6	1.6	1.6	1.6
1.7	1012.5	14.5	14.5	14.5	14.5	100	1.7	1.7	1.7	1.7	1.7
1.8	1012.4	14.4	14.4	14.4	14.4	100	1.8	1.8	1.8	1.8	1.8
1.9	1012.3	14.3	14.3	14.3	14.3	100	1.9	1.9	1.9	1.9	1.9
2.0	1012.2	14.2	14.2	14.2	14.2	100	2.0	2.0	2.0	2.0	2.0
2.1	1012.1	14.1	14.1	14.1	14.1	100	2.1	2.1	2.1	2.1	2.1
2.2	1012.0	14.0	14.0	14.0	14.0	100	2.2	2.2	2.2	2.2	2.2
2.3	1011.9	13.9	13.9	13.9	13.9	100	2.3	2.3	2.3	2.3	2.3
2.4	1011.8	13.8	13.8	13.8	13.8	100	2.4	2.4	2.4	2.4	2.4
2.5	1011.7	13.7	13.7	13.7	13.7	100	2.5	2.5	2.5	2.5	2.5
2.6	1011.6	13.6	13.6	13.6	13.6	100	2.6	2.6	2.6	2.6	2.6
2.7	1011.5	13.5	13.5	13.5	13.5	100	2.7	2.7	2.7	2.7	2.7
2.8	1011.4	13.4	13.4	13.4	13.4	100	2.8	2.8	2.8	2.8	2.8
2.9	1011.3	13.3	13.3	13.3	13.3	100	2.9	2.9	2.9	2.9	2.9
3.0	1011.2	13.2	13.2	13.2	13.2	100	3.0	3.0	3.0	3.0	3.0
3.1	1011.1	13.1	13.1	13.1	13.1	100	3.1	3.1	3.1	3.1	3.1
3.2	1011.0	13.0	13.0	13.0	13.0	100	3.2	3.2	3.2	3.2	3.2
3.3	1010.9	12.9	12.9	12.9	12.9	100	3.3	3.3	3.3	3.3	3.3
3.4	1010.8	12.8	12.8	12.8	12.8	100	3.4	3.4	3.4	3.4	3.4
3.5	1010.7	12.7	12.7	12.7	12.7	100	3.5	3.5	3.5	3.5	3.5
3.6	1010.6	12.6	12.6	12.6	12.6	100	3.6	3.6	3.6	3.6	3.6
3.7	1010.5	12.5	12.5	12.5	12.5	100	3.7	3.7	3.7	3.7	3.7
3.8	1010.4	12.4	12.4	12.4	12.4	100	3.8	3.8	3.8	3.8	3.8
3.9	1010.3	12.3	12.3	12.3	12.3	100	3.9	3.9	3.9	3.9	3.9
4.0	1010.2	12.2	12.2	12.2	12.2	100	4.0	4.0	4.0	4.0	4.0
4.1	1010.1	12.1	12.1	12.1	12.1	100	4.1	4.1	4.1	4.1	4.1
4.2	1010.0	12.0	12.0	12.0	12.0	100	4.2	4.2	4.2	4.2	4.2
4.3	1009.9	11.9	11.9	11.9	11.9	100	4.3	4.3	4.3	4.3	4.3
4.4	1009.8	11.8	11.8	11.8	11.8	100	4.4	4.4	4.4	4.4	4.4
4.5	1009.7	11.7	11.7	11.7	11.7	100	4.5	4.5	4.5	4.5	4.5
4.6	1009.6	11.6	11.6	11.6	11.6	100	4.6	4.6	4.6	4.6	4.6
4.7	1009.5	11.5	11.5	11.5	11.5	100	4.7	4.7	4.7	4.7	4.7
4.8	1009.4	11.4	11.4	11.4	11.4	100	4.8	4.8	4.8	4.8	4.8
4.9	1009.3	11.3	11.3	11.3	11.3	100	4.9	4.9	4.9	4.9	4.9
5.0	1009.2	11.2	11.2	11.2	11.2	100	5.0	5.0	5.0	5.0	5.0
5.1	1009.1	11.1	11.1	11.1	11.1	100	5.1	5.1	5.1	5.1	5.1
5.2	1009.0	11.0	11.0	11.0	11.0	100	5.2	5.2	5.2	5.2	5.2
5.3	1008.9	10.9	10.9	10.9	10.9	100	5.3	5.3	5.3	5.3	5.3
5.4	1008.8	10.8	10.8	10.8	10.8	100	5.4	5.4	5.4	5.4	5.4
5.5	1008.7	10.7	10.7	10.7	10.7	100	5.5	5.5	5.5	5.5	5.5
5.6	1008.6	10.6	10.6	10.6	10.6	100	5.6	5.6	5.6	5.6	5.6
5.7	1008.5	10.5	10.5	10.5	10.5	100	5.7	5.7	5.7	5.7	5.7
5.8	1008.4	10.4	10.4	10.4	10.4	100	5.8	5.8	5.8	5.8	5.8
5.9	1008.3	10.3	10.3	10.3	10.3	100	5.9	5.9	5.9	5.9	5.9
6.0	1008.2	10.2	10.2	10.2	10.2	100	6.0	6.0	6.0	6.0	6.0
6.1	1008.1	10.1	10.1	10.1	10.1	100	6.1	6.1	6.1	6.1	6.1
6.2	1008.0	10.0	10.0	10.0	10.0	100	6.2	6.2	6.2	6.2	6.2
6.3	1007.9	9.9	9.9	9.9	9.9	100	6.3	6.3	6.3	6.3	6.3
6.4	1007.8	9.8	9.8	9.8	9.8	100	6.4	6.4	6.4	6.4	6.4
6.5	1007.7	9.7	9.7	9.7	9.7	100	6.5	6.5	6.5	6.5	6.5
6.6	1007.6	9.6	9.6	9.6	9.6	100	6.6	6.6	6.6	6.6	6.6
6.7	1007.5	9.5	9.5	9.5	9.5	100	6.7	6.7	6.7	6.7	6.7
6.8	1007.4	9.4	9.4	9.4	9.4	100	6.8	6.8	6.8	6.8	6.8
6.9	1007.3	9.3	9.3	9.3	9.3	100	6.9	6.9	6.9	6.9	6.9
7.0	1007.2	9.2	9.2	9.2	9.2	100	7.0	7.0	7.0	7.0	7.0
7.1	1007.1	9.1	9.1	9.1	9.1	100	7.1	7.1	7.1	7.1	7.1
7.2	1007.0	9.0	9.0	9.0	9.0	100	7.2	7.2	7.2	7.2	7.2
7.3	1006.9	8.9	8.9	8.9	8.9	100	7.3	7.3	7.3	7.3	7.3
7.4	1006.8	8.8	8.8	8.8	8.8	100	7.4	7.4	7.4	7.4	7.4
7.5	1006.7	8.7	8.7	8.7	8.7	100	7.5	7.5	7.5	7.5	7.5
7.6	1006.6	8.6	8.6	8.6	8.6	100	7.6	7.6	7.6	7.6	7.6
7.7	1006.5	8.5	8.5	8.5	8.5	100	7.7	7.7	7.7	7.7	7.7
7.8	1006.4	8.4	8.4	8.4	8.4	100	7.8	7.8	7.8	7.8	7.8
7.9	1006.3	8.3	8.3	8.3	8.3	100	7.9	7.9	7.9	7.9	7.9
8.0	1006.2	8.2	8.2	8.2	8.2	100	8.0	8.0	8.0	8.0	8.0
8.1	1006.1	8.1	8.1	8.1	8.1	100	8.1	8.1	8.1	8.1	8.1
8.2	1006.0	8.0	8.0	8.0	8.0	100	8.2	8.2	8.2	8.2	8.2
8.3	1005.9	7.9	7.9	7.9	7.9	100	8.3	8.3	8.3	8.3	8.3
8.4	1005.8	7.8	7.8	7.8	7.8	100	8.4	8.4	8.4	8.4	8.4
8.5	1005.7	7.7	7.7	7.7	7.7	100	8.5	8.5	8.5	8.5	8.5
8.6	1005.6	7.6	7.6	7.6	7.6	100	8.6	8.6	8.6	8.6	8.6
8.7	1005.5	7.5	7.5	7.5	7.5	100	8.7	8.7	8.7	8.7	8.7
8.8	1005.4	7.4	7.4	7.4	7.4	100	8.8	8.8	8.8	8.8	8.8
8.9	1005.3	7.3	7.3	7.3	7.3	100	8.9	8.9	8.9	8.9	8.9
9.0	1005.2	7.2	7.2	7.2	7.2	100	9.0	9.0	9.0	9.0	9.0
9.1	1005.1	7.1	7.1	7.1	7.1	100	9.1	9.1	9.1	9.1	9.1
9.2	1005.0	7.0	7.0	7.0	7.0	100	9.2	9.2	9.2	9.2	9.2
9.3	1004.9	6.9	6.9	6.9	6.9	100	9.3	9.3	9.3	9.3	9.3
9.4	1004.8	6.8	6.8	6.8	6.8	100	9.4	9.4	9.4	9.4	9.4
9.5	1004.7	6.7	6.7	6.7	6.7	100	9.5	9.5	9.5	9.5	9.5
9.6	1004.6	6.6	6.6	6.6	6.6	100	9.6	9.6	9.6	9.6	9.6
9.7	1004.5	6.5	6.5	6.5	6.5	100	9.7	9.7	9.7	9.7	9.7
9.8	1004.4	6.4	6.4	6.4	6.4	100	9.8	9.8	9.8	9.8	9.8
9.9	1004.3	6.3	6.3	6.3	6.3	100	9.9	9.9	9.9	9.9	9.9
10.0	1004.2	6.2	6.2	6.2	6.2	100	10.0	10.0	10.0	10.0	10.0

HEIGHT (M)	PRES (HPa)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (M)	1E+3*RH0 (G/M+3)	RH0 (G/M+3)	DIP (DEG)	SPEED (M/S)
0.41	1013.4	-64.6	42.1	43.1	-66.1	45.	0.	0.00031	0.3633	246.0	22.1
0.42	1013.4	-64.6	42.1	43.1	-66.1	45.	0.	0.00031	0.3633	246.0	22.1
0.43	1013.4	-64.6	42.1	43.1	-66.1	45.	0.	0.00031	0.3633	246.0	22.1
0.44	1013.4	-64.6	42.1	43.1	-66.1	45.	0.	0.00031	0.3633	246.0	22.1
0.45	1013.4	-64.6	42.1	43.1	-66.1	45.	0.	0.00031	0.3633	246.0	22.1
0.46	1013.4	-64.6	42.1	43.1	-66.1	45.	0.	0.00031	0.3633	246.0	22.1
0.47	1013.4	-64.6	42.1	43.1	-66.1	45.	0.	0.00031	0.3633	246.0	22.1
0.48	1013.4	-64.6	42.1	43.1	-66.1	45.	0.	0.00031	0.3633	246.0	22.1
0.49	1013.4	-64.6	42.1	43.1	-66.1	45.	0.	0.00031	0.3633	246.0	22.1
0.50	1013.4	-64.6	42.1	43.1	-66.1	45.	0.	0.00031	0.3633	246.0	22.1
0.51	1013.4	-64.6	42.1	43.1	-66.1	45.	0.	0.00031	0.3633	246.0	22.1
0.52	1013.4	-64.6	42.1	43.1	-66.1	45.	0.	0.00031	0.3633	246.0	22.1
0.53	1013.4	-64.6	42.1	43.1	-66.1	45.	0.	0.00031	0.3633	246.0	22.1
0.54	1013.4	-64.6	42.1	43.1	-66.1	45.	0.	0.00031	0.3633	246.0	22.1
0.55	1013.4	-64.6	42.1	43.1	-66.1	45.	0.	0.00031	0.3633	246.0	22.1
0.56	1013.4	-64.6	42.1	43.1	-66.1	45.	0.	0.00031	0.3633	246.0	22.1
0.57	1013.4	-64.6	42.1	43.1	-66.1	45.	0.	0.00031	0.3633	246.0	22.1
0.58	1013.4	-64.6	42.1	43.1	-66.1	45.	0.	0.00031	0.3633	246.0	22.1
0.59	1013.4	-64.6	42.1	43.1	-66.1	45.	0.	0.00031	0.3633	246.0	22.1
0.60	1013.4	-64.6	42.1	43.1	-66.1	45.	0.	0.00031	0.3633	246.0	22.1
0.61	1013.4	-64.6	42.1	43.1	-66.1	45.	0.	0.00031	0.3633	246.0	22.1
0.62	1013.4	-64.6	42.1	43.1	-66.1	45.	0.	0.00031	0.3633	246.0	22.1
0.63	1013.4	-64.6	42.1	43.1	-66.1	45.	0.	0.00031	0.3633	246.0	22.1
0.64	1013.4	-64.6	42.1	43.1	-66.1	45.	0.	0.00031	0.3633	246.0	22.1
0.65	1013.4	-64.6	42.1	43.1	-66.1	45.	0.	0.00031	0.3633	246.0	22.1
0.66	1013.4	-64.6	42.1	43.1	-66.1	45.	0.	0.00031	0.3633	246.0	22.1
0.67	1013.4	-64.6	42.1	43.1	-66.1	45.	0.	0.00031	0.3633	246.0	22.1
0.68	1013.4	-64.6	42.1	43.1	-66.1	45.	0.	0.00031	0.3633	246.0	22.1
0.69	1013.4	-64.6	42.1	43.1	-66.1	45.	0.	0.00031	0.3633	246.0	22.1
0.70	1013.4	-64.6	42.1	43.1	-66.1	45.	0.	0.00031	0.3633	246.0	22.1
0.71	1013.4	-64.6	42.1	43.1	-66.1	45.	0.	0.00031	0.3633	246.0	22.1
0.72	1013.4	-64.6	42.1	43.1	-66.1	45.	0.	0.00031	0.3633	246.0	22.1
0.73	1013.4	-64.6	42.1	43.1	-66.1	45.	0.	0.00031	0.3633	246.0	22.1
0.74	1013.4	-64.6	42.1	43.1	-66.1	45.	0.	0.00031	0.3633	246.0	

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HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3 RHOW (G/M+3)	RHO (KG/M+3)	DIR (DEG)	SPEED (M/S)
17501.	67.6	-61.9	182.9	182.9	-67.5	45.	0.00334	0.0040	0.1115	270.0	45.4
17536.	67.2	-61.8	183.9	183.9	-67.4	45.	0.00339	0.0040	0.1108	270.0	45.7
17584.	66.7	-61.7	185.1	185.1	-67.3	45.	0.00339	0.0041	0.1099	270.0	45.9
17621.	66.3	-61.7	185.8	185.9	-67.3	45.	0.00339	0.0041	0.1092	270.0	46.2
17659.	65.9	-61.8	186.4	186.4	-67.4	45.	0.00339	0.0040	0.1086	270.0	46.4
17696.	65.5	-62.2	186.8	186.8	-67.6	45.	0.00337	0.0039	0.1081	271.0	46.6
17734.	65.1	-62.2	187.2	187.2	-67.8	45.	0.00336	0.0038	0.1075	271.0	46.9
17772.	64.7	-62.3	187.7	187.8	-67.9	45.	0.00336	0.0037	0.1069	271.0	47.1
17801.	64.4	-62.4	188.1	188.1	-68.0	45.	0.00335	0.0037	0.1065	271.0	47.2
17839.	64.0	-62.4	189.0	189.0	-68.0	45.	0.00335	0.0037	0.1058	271.0	47.3
17878.	63.6	-62.3	190.0	190.0	-67.9	45.	0.00336	0.0037	0.1051	272.0	47.3
17907.	63.3	-62.3	190.6	190.6	-67.9	45.	0.00336	0.0037	0.1046	272.0	47.3
17946.	62.9	-62.3	191.3	191.3	-68.0	45.	0.00336	0.0037	0.1040	272.0	47.3
17985.	62.5	-62.2	192.3	192.3	-67.9	45.	0.00336	0.0037	0.1033	272.0	47.3
18024.	62.1	-62.2	193.5	193.5	-67.8	45.	0.00336	0.0038	0.1027	272.0	47.3
18063.	61.8	-62.2	194.5	194.5	-67.6	45.	0.00337	0.0039	0.1020	272.0	47.2
18102.	61.5	-61.7	195.8	195.8	-67.3	45.	0.00339	0.0041	0.1013	272.0	47.2
18141.	61.1	-61.5	197.1	197.1	-67.2	45.	0.00340	0.0042	0.1006	272.0	47.2
18180.	60.7	-61.2	198.7	198.7	-66.9	45.	0.00341	0.0043	0.0998	272.0	47.2
18219.	60.3	-61.0	200.0	200.0	-66.7	45.	0.00342	0.0045	0.0990	271.0	47.3
18258.	59.9	-60.9	201.1	201.1	-66.6	45.	0.00343	0.0045	0.0983	271.0	47.3
18297.	59.6	-60.9	201.8	201.8	-66.6	45.	0.00343	0.0045	0.0978	271.0	47.3
18336.	59.2	-60.9	202.7	202.7	-66.6	45.	0.00343	0.0045	0.0972	271.0	47.4
18375.	58.8	-60.9	203.7	203.7	-66.6	45.	0.00343	0.0045	0.0965	270.0	47.4
18414.	58.4	-60.9	204.6	204.6	-66.6	45.	0.00343	0.0045	0.0959	270.0	47.5
18453.	58.0	-60.9	205.5	205.5	-66.6	45.	0.00343	0.0045	0.0951	270.0	47.5
18492.	57.7	-60.9	206.5	206.5	-66.6	45.	0.00343	0.0045	0.0944	270.0	47.6
18531.	57.3	-60.9	207.5	207.5	-66.6	45.	0.00343	0.0045	0.0938	270.0	47.6
18570.	56.9	-60.9	208.5	208.5	-66.6	45.	0.00343	0.0045	0.0932	270.0	47.9
18609.	56.6	-60.9	209.7	209.7	-66.6	45.	0.00343	0.0045	0.0926	270.0	47.9
18648.	56.3	-60.9	211.2	211.2	-66.6	45.	0.00343	0.0045	0.0921	270.0	47.9
18687.	55.9	-60.9	212.6	212.6	-66.6	45.	0.00343	0.0045	0.0915	270.0	47.9
18726.	55.6	-60.9	214.0	214.0	-66.6	45.	0.00343	0.0045	0.0911	270.0	47.9
18765.	55.3	-60.9	215.5	215.5	-66.6	45.	0.00343	0.0045	0.0905	270.0	47.9
18804.	54.9	-60.9	217.0	217.0	-66.6	45.	0.00343	0.0045	0.0899	270.0	47.8
18843.	54.6	-60.9	218.5	218.5	-66.6	45.	0.00343	0.0045	0.0895	270.0	47.7
18882.	54.2	-60.9	220.0	220.0	-66.6	45.	0.00343	0.0045	0.0889	270.0	47.6
18921.	53.9	-60.9	221.5	221.5	-66.6	45.	0.00343	0.0045	0.0884	270.0	47.6
18960.	53.6	-60.9	223.0	223.0	-66.6	45.	0.00343	0.0045	0.0879	270.0	47.4
18999.	53.3	-60.9	224.5	224.5	-66.6	45.	0.00343	0.0045	0.0875	270.0	47.3
19038.	52.9	-60.9	226.0	226.0	-66.6	45.	0.00343	0.0045	0.0871	270.0	47.3
19077.	52.6	-60.9	227.5	227.5	-66.6	45.	0.00343	0.0045	0.0866	270.0	47.0
19116.	52.2	-60.9	229.0	229.0	-66.6	45.	0.00343	0.0045	0.0862	271.0	46.9
19155.	51.8	-60.9	230.5	230.5	-66.6	45.	0.00343	0.0045	0.0858	271.0	46.8
19194.	51.5	-60.9	232.0	232.0	-66.6	45.	0.00343	0.0045	0.0854	272.0	46.7
19233.	51.1	-60.9	233.5	233.5	-66.6	45.	0.00343	0.0045	0.0850	272.0	46.5
19272.	50.8	-60.9	235.0	235.0	-66.6	45.	0.00343	0.0045	0.0846	272.0	46.5
19311.	50.5	-60.9	236.5	236.5	-66.6	45.	0.00343	0.0045	0.0842	273.0	46.4
19350.	50.2	-60.9	238.0	238.0	-66.6	45.	0.00343	0.0045	0.0838	273.0	46.4
19389.	49.9	-60.9	239.5	239.5	-66.6	45.	0.00343	0.0045	0.0834	273.0	46.3
19428.	49.6	-60.9	241.0	241.0	-66.6	45.	0.00343	0.0045	0.0830	273.0	46.2
19467.	49.3	-60.9	242.5	242.5	-66.6	45.	0.00343	0.0045	0.0826	273.0	46.2
19506.	48.9	-60.9	244.0	244.0	-66.6	45.	0.00343	0.0045	0.0822	273.0	46.3
19545.	48.6	-60.9	245.5	245.5	-66.6	45.	0.00343	0.0045	0.0818	273.0	46.3
19584.	48.3	-60.9	247.0	247.0	-66.6	45.	0.00343	0.0045	0.0814	273.0	46.3
19623.	48.0	-60.9	248.5	248.5	-66.6	45.	0.00343	0.0045	0.0810	273.0	46.3
19662.	47.7	-60.9	250.0	250.0	-66.6	45.	0.00343	0.0045	0.0806	273.0	46.3
19701.	47.4	-60.9	251.5	251.5	-66.6	45.	0.00343	0.0045	0.0802	273.0	46.3
19740.	47.1	-60.9	253.0	253.0	-66.6	45.	0.00343	0.0045	0.0798	273.0	46.3
19779.	46.8	-60.9	254.5	254.5	-66.6	45.	0.00343	0.0045	0.0794	273.0	46.3
19818.	46.5	-60.9	256.0	256.0	-66.6	45.	0.00343	0.0045	0.0790	273.0	46.3
19857.	46.2	-60.9	257.5	257.5	-66.6	45.	0.00343	0.0045	0.0786	273.0	46.3
19896.	45.9	-60.9	259.0	259.0	-66.6	45.	0.00343	0.0045	0.0782	273.0	46.3
19935.	45.6	-60.9	260.5	260.5	-66.6	45.	0.00343	0.0045	0.0778	273.0	46.3
19974.	45.3	-60.9	262.0	262.0	-66.6	45.	0.00343	0.0045	0.0774	273.0	46.3
20013.	45.0	-60.9	263.5	263.5	-66.6	45.	0.00343	0.0045	0.0770	273.0	46.3
20052.	44.7	-60.9	265.0	265.0	-66.6	45.	0.00343	0.0045	0.0766	273.0	46.3
20091.	44.4	-60.9	266.5	266.5	-66.6	45.	0.00343	0.0045	0.0762	273.0	46.3
20130.	44.1	-60.9	268.0	268.0	-66.6	45.	0.00343	0.0045	0.0758	273.0	46.3
20169.	43.8	-60.9	269.5	269.5	-66.6	45.	0.00343	0.0045	0.0754	273.0	46.3
20208.	43.5	-60.9	271.0	271.0	-66.6	45.	0.00343	0.0045	0.0750	273.0	46.3
20247.	43.2	-60.9	272.5	272.5	-66.6	45.	0.00343	0.0045	0.0746	273.0	46.3
20286.	42.9	-60.9	274.0	274.0	-66.6	45.	0.00343	0.0045	0.0742	273.0	46.3
20325.	42.6	-60.9	275.5	275.5	-66.6	45.	0.00343	0.0045	0.0738	273.0	46.3
20364.	42.3	-60.9	277.0	277.0	-66.6	45.	0.00343	0.0045	0.0734	273.0	46.3
20403.	42.0	-60.9	278.5	278.5	-66.6	45.	0.00343	0.0045	0.0730	273.0	46.3
20442.	41.7	-60.9	280.0	280.0	-66.6	45.	0.00343	0.0045	0.0726	273.0	46.3
20481.	41.4	-60.9	281.5	281.5	-66.6	45.	0.00343	0.0045	0.0722	273.0	46.3
20520.	41.1	-60.9	283.0	283.0	-66.6	45.	0.00343	0.0045	0.0718	273.0	46.3
20559.	40.8	-60.9	284.5	284.5	-66.6	45.	0.00343	0.0045	0.0714	273.0	46.3
20598.	40.5	-60.9	286.0	286.0	-66.6	45.	0.00343	0.0045	0.0710	273.0	46.3
20637.	40.2	-60.9	287.5	287.5	-66.6	45.	0.00343	0.0045	0.0706	273.0	46.3
20676.	39.9	-60.9	289.0	289.0	-66.6	45.	0.00343	0.0045	0.0702	273.0	46.3
20715.	39.6	-60.9	290.5	290.5	-66.6	45.	0.00343	0.0045	0.0698	273.0	46.3
20754.	39.3	-60.9	292.0	292.0	-66.6	45.	0.00343	0.0045	0.0694	273.0	46.3
20793.	39.0	-60.9	293.5	293.5	-66.6	45.	0.00343	0.0045	0.0690	273.0	46.3
20832.	38.7	-60.9	295.0	295.0	-66.6	45.	0.00343	0.0045	0.0686	273.0	46.3
20871.	38.4	-60.9	296.5	296.5	-66.6	45.	0.00343	0.0045	0.0682	273.0	46.3
20910.	38.1	-60.9	298.0	298.0	-66.6	45.	0.00343	0.0045	0.0678	273.0	46.3
20949.	37.8	-60.9	299.5	299.5	-66.6	45.	0.00343	0.0045	0.0674	273.0	46.3
20988.	37.5	-60.9	301.0	301.0	-66.6	45.	0.00343	0.0045	0.0670	273.0	46.3
21027.	37.2	-60.9	302.5	302.5	-66.6	45.	0.00343	0.0045	0.0666	273.0	46.3
21066.	36.9	-60.9	304.0	304.0	-66.6	45.	0.00343	0.0045	0.0662	273.0	46.3
21105.	36.6	-60.9	305.5	305.5	-66.6	45.	0.00343	0.0045	0.0658	273.0	46.3
21144.	36.3	-60.9	307.0	307.0	-66.6	45.	0.00343	0.0045	0.0654	273.0	46.3
21183.	36.0	-60.9	308.5	308.5	-66.6	45.	0.00343	0.0045	0.0650	273.0	46.3
21222.	35.7	-60.9	310.0	310.0	-66.6	45.	0.00343	0.0045	0.0646	273.0	46.3
21261.	35.4	-60.9	311.5	311.5	-66.6	45.	0.00343	0.0045	0.0642	273.0	46.3
21300.	35.1	-60.9	313.0	313.0	-66.6	45.	0.00343	0.0045	0.0638	273.0	46.3
21339.	34.8	-60.9	314.5	314.5	-66.6	45.	0.00343	0.0045	0.0634	273.0	46.3
21378.											

SOUNDING 45.1
 LATITUDE -25.3 LONGITUDE 1.7
 DATE 11-6-71 TIME 1135 GMT
 NUMBER OF LEVELS 441

HEIGHT (M)	PRES (H-P)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (M)	10*5-RHO* (G/M**3)	RHO (KG/M**3)	P10 (FEG)	SPEED (M/S)
5.0	984.2	-2.6	-2.8	-2.1	-4.6	82.0	3.7270	1.3221	1.2776	242.0	4.0
5.0	979.9	-4.7	-3.1	-2.2	-11.9	81.0	3.1841	1.1200	1.2721	241.0	4.0
11.6	971.6	-7.7	-3.6	-2.7	-13.3	80.0	2.6412	1.0767	1.2676	240.0	4.0
17.4	954.6	-6.7	-3.6	-2.7	-13.4	80.0	2.1001	1.0829	1.2628	239.0	4.0
23.2	938.1	-7.7	-4.4	-2.2	-13.4	80.0	1.5597	1.0899	1.2584	238.0	4.0
28.8	921.2	-8.7	-4.9	-2.7	-13.4	80.0	1.0193	1.0942	1.2546	237.0	4.0
34.7	904.1	-8.7	-5.0	-2.7	-13.4	80.0	0.4787	1.0985	1.2503	236.0	4.0
39.7	887.1	-16.2	-5.7	-3.7	-13.7	75.0	0.9381	1.1028	1.2459	235.0	4.0
45.4	870.2	-11.2	-5.7	-3.7	-13.7	75.0	1.3975	1.1071	1.2416	234.0	4.0
51.0	853.4	-11.2	-5.8	-3.8	-13.7	75.0	1.8569	1.1114	1.2373	233.0	4.0
56.8	836.4	-12.1	-5.8	-3.8	-13.7	75.0	2.3163	1.1157	1.2330	232.0	4.0
62.7	819.3	-12.1	-5.8	-3.8	-13.7	75.0	2.7757	1.1200	1.2287	231.0	4.0
68.1	802.3	-13.5	-5.8	-3.8	-13.7	75.0	3.2351	1.1243	1.2244	230.0	4.0
74.0	785.4	-13.5	-5.8	-3.8	-13.7	75.0	3.6945	1.1286	1.2201	229.0	4.0
79.8	768.4	-13.5	-5.8	-3.8	-13.7	75.0	4.1539	1.1329	1.2158	228.0	4.0
85.1	751.4	-13.5	-5.8	-3.8	-13.7	75.0	4.6133	1.1372	1.2115	227.0	4.0
90.8	734.7	-14.4	-4.7	-4.7	-17.5	75.0	5.0727	1.1415	1.2072	226.0	4.0
96.8	717.7	-14.4	-4.7	-4.7	-17.5	75.0	5.5321	1.1458	1.2029	225.0	4.0
102.4	700.9	-15.7	-4.4	-4.4	-18.5	77.0	5.9915	1.1501	1.1986	224.0	4.0
107.9	684.4	-16.2	-4.2	-4.2	-18.5	77.0	6.4509	1.1544	1.1943	223.0	4.0
113.5	667.4	-16.2	-3.4	-3.4	-18.5	77.0	6.9103	1.1587	1.1900	222.0	4.0
119.1	650.4	-16.2	-3.4	-3.4	-18.5	77.0	7.3697	1.1630	1.1857	221.0	4.0
124.7	633.5	-16.2	-3.7	-3.7	-18.5	77.0	7.8291	1.1673	1.1814	220.0	4.0
130.3	616.5	-17.1	-3.6	-3.6	-18.5	75.0	8.2885	1.1716	1.1771	219.0	4.0
135.8	599.9	-18.1	-3.9	-3.9	-18.5	75.0	8.7479	1.1759	1.1728	218.0	4.0
141.4	583.4	-17.5	-3.5	-3.5	-18.5	75.0	9.2073	1.1802	1.1685	217.0	4.0
147.0	566.4	-17.5	-3.5	-3.5	-18.5	75.0	9.6667	1.1845	1.1642	216.0	4.0
152.6	549.4	-17.5	-3.5	-3.5	-18.5	75.0	10.1261	1.1888	1.1599	215.0	4.0
158.2	532.4	-17.5	-3.5	-3.5	-18.5	75.0	10.5855	1.1931	1.1556	214.0	4.0
163.8	515.4	-17.5	-3.5	-3.5	-18.5	75.0	11.0449	1.1974	1.1513	213.0	4.0
169.4	498.4	-17.5	-3.5	-3.5	-18.5	75.0	11.5043	1.2017	1.1470	212.0	4.0
175.0	481.4	-17.5	-3.5	-3.5	-18.5	75.0	11.9637	1.2060	1.1427	211.0	4.0
180.6	464.4	-17.5	-3.5	-3.5	-18.5	75.0	12.4231	1.2103	1.1384	210.0	4.0
186.2	447.4	-17.5	-3.5	-3.5	-18.5	75.0	12.8825	1.2146	1.1341	209.0	4.0
191.8	430.4	-17.5	-3.5	-3.5	-18.5	75.0	13.3419	1.2189	1.1298	208.0	4.0
197.4	413.4	-17.5	-3.5	-3.5	-18.5	75.0	13.8013	1.2232	1.1255	207.0	4.0
203.0	396.4	-17.5	-3.5	-3.5	-18.5	75.0	14.2607	1.2275	1.1212	206.0	4.0
208.6	379.4	-17.5	-3.5	-3.5	-18.5	75.0	14.7201	1.2318	1.1169	205.0	4.0
214.2	362.4	-17.5	-3.5	-3.5	-18.5	75.0	15.1795	1.2361	1.1126	204.0	4.0
219.8	345.4	-17.5	-3.5	-3.5	-18.5	75.0	15.6389	1.2404	1.1083	203.0	4.0
225.4	328.4	-17.5	-3.5	-3.5	-18.5	75.0	16.0983	1.2447	1.1040	202.0	4.0
231.0	311.4	-17.5	-3.5	-3.5	-18.5	75.0	16.5577	1.2490	1.0997	201.0	4.0
236.6	294.4	-17.5	-3.5	-3.5	-18.5	75.0	17.0171	1.2533	1.0954	200.0	4.0
242.2	277.4	-17.5	-3.5	-3.5	-18.5	75.0	17.4765	1.2576	1.0911	199.0	4.0
247.8	260.4	-17.5	-3.5	-3.5	-18.5	75.0	17.9359	1.2619	1.0868	198.0	4.0
253.4	243.4	-17.5	-3.5	-3.5	-18.5	75.0	18.3953	1.2662	1.0825	197.0	4.0
259.0	226.4	-17.5	-3.5	-3.5	-18.5	75.0	18.8547	1.2705	1.0782	196.0	4.0
264.6	209.4	-17.5	-3.5	-3.5	-18.5	75.0	19.3141	1.2748	1.0739	195.0	4.0
270.2	192.4	-17.5	-3.5	-3.5	-18.5	75.0	19.7735	1.2791	1.0696	194.0	4.0
275.8	175.4	-17.5	-3.5	-3.5	-18.5	75.0	20.2329	1.2834	1.0653	193.0	4.0
281.4	158.4	-17.5	-3.5	-3.5	-18.5	75.0	20.6923	1.2877	1.0610	192.0	4.0
287.0	141.4	-17.5	-3.5	-3.5	-18.5	75.0	21.1517	1.2920	1.0567	191.0	4.0
292.6	124.4	-17.5	-3.5	-3.5	-18.5	75.0	21.6111	1.2963	1.0524	190.0	4.0
298.2	107.4	-17.5	-3.5	-3.5	-18.5	75.0	22.0705	1.3006	1.0481	189.0	4.0
303.8	90.4	-17.5	-3.5	-3.5	-18.5	75.0	22.5299	1.3049	1.0438	188.0	4.0
309.4	73.4	-17.5	-3.5	-3.5	-18.5	75.0	22.9893	1.3092	1.0395	187.0	4.0
315.0	56.4	-17.5	-3.5	-3.5	-18.5	75.0	23.4487	1.3135	1.0352	186.0	4.0
320.6	39.4	-17.5	-3.5	-3.5	-18.5	75.0	23.9081	1.3178	1.0309	185.0	4.0
326.2	22.4	-17.5	-3.5	-3.5	-18.5	75.0	24.3675	1.3221	1.0266	184.0	4.0
331.8	5.4	-17.5	-3.5	-3.5	-18.5	75.0	24.8269	1.3264	1.0223	183.0	4.0
337.4	-11.6	-17.5	-3.5	-3.5	-18.5	75.0	25.2863	1.3307	1.0180	182.0	4.0
343.0	-28.6	-17.5	-3.5	-3.5	-18.5	75.0	25.7457	1.3350	1.0137	181.0	4.0
348.6	-45.6	-17.5	-3.5	-3.5	-18.5	75.0	26.2051	1.3393	1.0094	180.0	4.0
354.2	-62.6	-17.5	-3.5	-3.5	-18.5	75.0	26.6645	1.3436	1.0051	179.0	4.0
359.8	-79.6	-17.5	-3.5	-3.5	-18.5	75.0	27.1239	1.3479	1.0008	178.0	4.0
365.4	-96.6	-17.5	-3.5	-3.5	-18.5	75.0	27.5833	1.3522	0.9965	177.0	4.0
371.0	-113.6	-17.5	-3.5	-3.5	-18.5	75.0	28.0427	1.3565	0.9922	176.0	4.0
376.6	-130.6	-17.5	-3.5	-3.5	-18.5	75.0	28.5021	1.3608	0.9879	175.0	4.0
382.2	-147.6	-17.5	-3.5	-3.5	-18.5	75.0	28.9615	1.3651	0.9836	174.0	4.0
387.8	-164.6	-17.5	-3.5	-3.5	-18.5	75.0	29.4209	1.3694	0.9793	173.0	4.0
393.4	-181.6	-17.5	-3.5	-3.5	-18.5	75.0	29.8803	1.3737	0.9750	172.0	4.0
399.0	-198.6	-17.5	-3.5	-3.5	-18.5	75.0	30.3397	1.3780	0.9707	171.0	4.0
404.6	-215.6	-17.5	-3.5	-3.5	-18.5	75.0	30.7991	1.3823	0.9664	170.0	4.0
410.2	-232.6	-17.5	-3.5	-3.5	-18.5	75.0	31.2585	1.3866	0.9621	169.0	4.0
415.8	-249.6	-17.5	-3.5	-3.5	-18.5	75.0	31.7179	1.3909	0.9578	168.0	4.0
421.4	-266.6	-17.5	-3.5	-3.5	-18.5	75.0	32.1773	1.3952	0.9535	167.0	4.0
427.0	-283.6	-17.5	-3.5	-3.5	-18.5	75.0	32.6367	1.3995	0.9492	166.0	4.0
432.6	-300.6	-17.5	-3.5	-3.5	-18.5	75.0	33.0961	1.4038	0.9449	165.0	4.0
438.2	-317.6	-17.5	-3.5	-3.5	-18.5	75.0	33.5555	1.4081	0.9406	164.0	4.0
443.8	-334.6	-17.5	-3.5	-3.5	-18.5	75.0	34.0149	1.4124	0.9363	163.0	4.0
449.4	-351.6	-17.5	-3.5	-3.5	-18.5	75.0	34.4743	1.4167	0.9320	162.0	4.0
455.0	-368.6	-17.5	-3.5	-3.5	-18.5	75.0	34.9337	1.4210	0.9277	161.0	4.0
460.6	-385.6	-17.5	-3.5	-3.5	-18.5	75.0	35.3931	1.4253	0.9234	160.0	4.0
466.2	-402.6	-17.5	-3.5	-3.5	-18.5	75.0	35.8525	1.4296	0.9191	159.0	4.0
471.8	-419.6	-17.5	-3.5	-3.5	-18.5	75.0	36.3119	1.4339	0.9148	158.0	4.0
477.4	-436.6	-17.5	-3.5	-3.5	-18.5	75.0	36.7713	1.4382	0.9105	157.0	4.0
483.0	-453.6	-17.5	-3.5	-3.5	-18.5	75.0	37.2307	1.4425	0.9062	156.0	4.0
488.6	-470.6	-17.5	-3.5	-3.5	-18.5	75.0	37.6901	1.4468	0.9019	155.0	4.0
494.2	-487.6	-17.5	-3.5	-3.5	-18.5	75.0	38.1495	1.4511	0.8976	154.0	4.0
499.8	-504.6	-17.5	-3.5	-3.5	-18.5	75.0	38.6089	1.4554	0.8933	153.0	4.0
505.4	-521.6	-17.5	-3.5	-3.5	-18.5	75.0	39.0683	1.4597	0.8890	152.0	4.0
511.0	-538.6	-17.5	-3.5	-3.5	-18.5	75.0	39.5277	1.4640	0.8847	151.0	4.0
516.6	-555.6	-17.5	-3.5	-3.5	-18.5	75.0	39.9871	1.4683	0.8804	150.0	4.0
522.2	-572.6	-17.5	-3.5	-3.5	-18.5	75.0	40.4465	1.4726	0.8761	149.0	4.0
527.8	-589.6	-17.5	-3.5	-3.5	-18.5	75.0	40.9059	1.4769	0.8718	148.0	4.0
533.4	-606.6	-17.5	-3.5	-3.5	-18.5	75.0	41.3653	1.4812	0.8675	147.0	4.0
539.0	-623.6	-17.5	-3.5	-3.5	-18.5	75.0	41.8247	1.4855	0.8632	146.0	4.0
544.6	-640.6	-17.5	-3.5	-3.5	-18.5	75.0	42.2841	1.4898	0.8589	145.0	4.0
550.2	-657.6	-17.5	-3.5	-3.5	-18.5	75.0	42.7435	1.4941	0.8546	144.0	4.0
555.8	-674.6	-17.5	-3.5	-3.5	-18.5	75.0	43.2029	1.4984	0.8503	143.0	4.0
561.4	-691.6	-17.5	-3.5	-3.5	-18.5	75.0	43.6623	1.5027	0.8460	142.0	4.0
567.0	-708.6	-17.5	-3.5	-3.5	-18.5	75.0					

HEIGHT (M)	PRES (MF)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (M)	1E+3-RH0 (G/M+3)	RH0 (KG/M+3)	DIR (CFC)	SPEED (M/T)
5792.0	445.7	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.6610	249.0	14.2
5444.0	447.1	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.6610	249.0	14.3
5592.0	445.6	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.65522	249.0	14.3
5952.0	442.9	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.64866	249.0	14.3
6068.0	443.9	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.64851	249.0	14.3
6111.0	443.4	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.64843	249.0	14.3
6168.0	442.8	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.6379	249.0	14.4
6223.0	442.4	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.6336	249.0	14.4
6277.0	442.1	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.62999	249.0	14.6
6328.0	441.8	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.6261	249.0	14.6
6377.0	441.6	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.6224	249.0	14.7
6426.0	441.3	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.6191	249.0	14.8
6476.0	441.0	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.6157	249.0	14.9
6525.0	440.7	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.6123	249.0	15.0
6588.0	440.3	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.6082	249.0	15.0
6656.0	439.9	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.6046	249.0	15.1
6730.0	439.4	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.5975	249.0	15.1
6741.0	438.4	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.5942	249.0	15.1
6846.0	438.2	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.5876	249.0	15.1
6900.0	438.0	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.5837	249.0	15.2
6960.0	437.7	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.5803	249.0	15.4
7011.0	437.5	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.5769	249.0	15.4
7068.0	437.3	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.5734	249.0	15.5
7111.0	437.1	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.5702	249.0	15.6
7168.0	436.8	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.5668	249.0	15.7
7211.0	436.6	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.5639	249.0	15.8
7258.0	436.4	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.5612	249.0	15.9
7305.0	436.2	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.5581	249.0	16.0
7400.0	435.5	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.5514	249.0	17.0
7455.0	435.3	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.5488	249.0	17.2
7501.0	435.1	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.5456	249.0	17.3
7551.0	434.7	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.5421	249.0	17.3
7605.0	434.4	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.5387	249.0	17.4
7655.0	434.1	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.5354	249.0	17.4
7705.0	433.8	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.5323	249.0	17.4
7758.0	433.5	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.5289	249.0	17.4
7805.0	433.3	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.5258	249.0	17.4
7858.0	433.1	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.5223	249.0	17.4
7914.0	432.9	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.5191	249.0	17.4
7971.0	432.7	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.5158	249.0	17.5
8027.0	432.5	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.5119	249.0	17.5
8085.0	431.7	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.5084	249.0	17.5
8133.0	431.9	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.5054	249.0	17.5
8193.0	431.2	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.5022	249.0	17.5
8244.0	431.0	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.4993	249.0	17.5
8300.0	430.8	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.4958	249.0	17.6
8355.0	430.6	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.4929	249.0	17.6
8401.0	430.1	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.4899	249.0	17.6
8449.0	429.9	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.4872	249.0	17.7
8495.0	429.6	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.4844	249.0	17.8
8541.0	429.4	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.4818	249.0	17.8
8597.0	429.1	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.4789	249.0	18.0
8653.0	428.9	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.4763	249.0	18.0
8677.0	428.9	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.4738	249.0	18.1
8723.0	428.5	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.4713	249.0	18.3
8764.0	428.7	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.4688	249.0	18.2
8807.0	428.5	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.4660	249.0	18.2
8851.0	428.5	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.4636	249.0	18.2
8895.0	428.5	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.4610	249.0	18.2
8940.0	428.7	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.4583	249.0	18.2
9025.0	428.7	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.4555	249.0	18.2
9070.0	428.7	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.4510	249.0	18.2
9122.0	428.6	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.4482	249.0	18.2
9167.0	428.6	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.4446	249.0	18.3
9204.0	428.7	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.4434	249.0	18.3
9254.0	428.6	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.4405	249.0	18.3
9304.0	428.6	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.4376	249.0	18.4
9344.0	428.1	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.4351	249.0	18.5
9394.0	428.2	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.4326	249.0	18.6
9435.0	428.7	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.4300	249.0	18.7
9480.0	428.5	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.4272	249.0	18.9
9524.0	428.3	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.4255	249.0	18.9
9568.0	428.3	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.4224	249.0	19.0
9612.0	428.3	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.4198	249.0	19.1
9656.0	428.4	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.4173	249.0	19.1
9700.0	428.4	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.4147	249.0	19.1
9744.0	428.2	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.4119	249.0	19.1
9804.0	428.4	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.4091	249.0	19.7
9844.0	428.4	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.4066	249.0	19.7
9894.0	428.4	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.4040	249.0	19.8
9945.0	428.4	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.4006	249.0	19.8
10000.0	428.4	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.3974	249.0	20.0
10052.0	428.4	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.3942	249.0	20.0
10104.0	428.4	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.3912	249.0	20.0
10156.0	428.4	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.3886	249.0	20.0
10208.0	428.4	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.3856	249.0	20.0
10260.0	428.4	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.3827	249.0	20.0
10312.0	428.4	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.3799	249.0	20.0
10364.0	428.5	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.3768	249.0	20.0
10421.0	428.5	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.3736	249.0	20.0
10475.0	428.6	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.3705	249.0	20.7
10522.0	428.6	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.3676	249.0	20.8
10566.0	428.1	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.3651	249.0	21.0
10617.0	428.1	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.3623	249.0	21.0
10665.0	428.7	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.3587	249.0	21.1
10711.0	428.1	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.3553	249.0	21.3
10757.0	428.4	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.3529	249.0	21.5
10803.0	428.4	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.3503	249.0	21.8
10849.0	428.4	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.3479	249.0	22.0
10895.0	428.4	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.3455	249.0	22.2
10942.0	428.5	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.3431	249.0	22.3
10974.0	428.1	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.3407	249.0	22.3
11013.0	428.1	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.3377	249.0	23.1
11052.0	428.5	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.3347	249.0	23.4
11095.0	428.1	-36.0	25.1	25.1	-51.3	16.0	0.0	0.0	0.3313	249.0	23.4

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	P (MB)	1E+3-RH0W (G/M+3)	RH0 (KG/M+3)	DIR (DEG)	SPEED (M/S)
11138.	193.7	-67.6	55.3	55.3	-95.0	1.	0.00000	0.00000	0.3283	266.0	24.0
11162.	192.3	-67.2	56.7	56.7	-94.7	1.	0.00000	0.00000	0.3253	267.0	24.4
11223.	191.0	-67.0	57.6	57.6	-94.4	1.	0.00000	0.00000	0.3228	267.0	24.7
11267.	189.6	-67.0	58.3	58.3	-94.4	1.	0.00000	0.00000	0.3204	267.0	25.1
11312.	188.2	-66.8	59.2	59.2	-94.4	1.	0.00000	0.00000	0.3179	268.0	25.5
11365.	186.7	-66.8	60.1	60.1	-94.4	1.	0.00000	0.00000	0.3152	268.0	25.9
11409.	185.2	-66.7	61.0	61.0	-94.3	1.	0.00000	0.00000	0.3125	269.0	26.2
11456.	183.7	-66.2	62.6	62.6	-93.9	1.	0.00000	0.00000	0.3092	269.0	26.5
11511.	182.1	-66.3	63.8	63.8	-93.8	1.	0.00000	0.00000	0.3062	269.0	26.8
11561.	180.6	-65.9	64.8	64.8	-93.7	1.	0.00000	0.00000	0.3036	270.0	27.0
11612.	179.1	-65.9	65.6	65.6	-93.7	1.	0.00000	0.00000	0.3010	270.0	27.3
11663.	177.6	-65.5	66.4	66.4	-93.7	1.	0.00000	0.00000	0.2985	270.0	27.5
11711.	176.2	-65.5	67.1	67.1	-93.7	1.	0.00000	0.00000	0.2962	270.0	27.6
11762.	174.7	-65.6	68.1	68.1	-93.6	1.	0.00000	0.00000	0.2935	270.0	27.7
11815.	173.2	-65.5	69.3	69.3	-93.5	1.	0.00000	0.00000	0.2907	270.0	27.8
11867.	171.7	-65.5	70.3	70.3	-93.4	1.	0.00000	0.00000	0.2880	270.0	27.9
11917.	170.3	-65.4	71.3	71.3	-93.3	1.	0.00000	0.00000	0.2856	270.0	28.0
11967.	168.9	-65.4	72.3	72.3	-93.3	1.	0.00000	0.00000	0.2831	270.0	28.1
12017.	167.4	-65.3	73.3	73.3	-93.2	1.	0.00000	0.00000	0.2804	269.0	28.1
12067.	166.0	-65.2	74.3	74.3	-93.0	1.	0.00000	0.00000	0.2778	269.0	28.1
12117.	164.6	-65.0	75.3	75.3	-93.0	1.	0.00000	0.00000	0.2755	269.0	28.2
12167.	163.3	-65.2	76.3	76.3	-93.2	1.	0.00000	0.00000	0.2736	269.0	28.2
12217.	162.1	-65.3	76.4	76.4	-93.3	1.	0.00000	0.00000	0.2717	268.0	28.2
12262.	160.9	-65.3	77.1	77.1	-93.3	1.	0.00000	0.00000	0.2697	268.0	28.3
12314.	159.8	-65.2	78.0	78.0	-93.2	1.	0.00000	0.00000	0.2677	268.0	28.5
12366.	158.6	-65.1	78.9	78.9	-93.1	1.	0.00000	0.00000	0.2656	268.0	28.6
12419.	157.4	-65.0	79.9	79.9	-93.0	1.	0.00000	0.00000	0.2634	268.0	28.7
12471.	156.3	-64.8	80.9	80.9	-92.9	1.	0.00000	0.00000	0.2613	268.0	28.9
12523.	155.1	-64.7	81.8	81.8	-92.8	1.	0.00000	0.00000	0.2592	268.0	29.1
12575.	153.9	-64.6	82.8	82.8	-92.7	1.	0.00000	0.00000	0.2571	268.0	29.3
12627.	152.8	-64.4	83.8	83.8	-92.6	1.	0.00000	0.00000	0.2550	269.0	29.4
12679.	151.7	-64.2	84.9	84.9	-92.5	1.	0.00000	0.00000	0.2529	269.0	29.6
12731.	150.6	-64.0	86.0	86.0	-92.3	1.	0.00000	0.00000	0.2508	269.0	29.7
12783.	149.5	-63.8	87.1	87.1	-92.1	1.	0.00000	0.00000	0.2488	269.0	29.9
12835.	148.4	-63.8	87.9	87.9	-92.1	1.	0.00000	0.00000	0.2469	270.0	30.1
12887.	147.3	-63.6	88.5	88.5	-92.2	1.	0.00000	0.00000	0.2452	270.0	30.2
12939.	146.2	-63.6	89.1	89.1	-92.3	1.	0.00000	0.00000	0.2435	270.0	30.3
12991.	145.0	-63.5	90.1	90.1	-92.2	1.	0.00000	0.00000	0.2414	270.0	30.4
13043.	143.8	-63.5	91.1	91.1	-92.1	1.	0.00000	0.00000	0.2393	270.0	30.5
13095.	142.6	-63.4	92.2	92.2	-92.1	1.	0.00000	0.00000	0.2373	270.0	30.6
13147.	141.4	-63.3	92.7	92.7	-92.2	1.	0.00000	0.00000	0.2354	270.0	30.7
13199.	140.2	-63.3	93.6	93.6	-92.2	1.	0.00000	0.00000	0.2334	270.0	30.8
13251.	139.0	-63.2	94.7	94.7	-92.1	1.	0.00000	0.00000	0.2313	270.0	30.9
13303.	137.8	-63.1	95.7	95.7	-92.1	1.	0.00000	0.00000	0.2294	270.0	31.1
13355.	136.6	-63.0	96.6	96.6	-92.1	1.	0.00000	0.00000	0.2274	270.0	31.2
13407.	135.4	-62.9	97.5	97.5	-92.0	1.	0.00000	0.00000	0.2255	270.0	31.3
13459.	134.5	-62.8	98.5	98.5	-92.0	1.	0.00000	0.00000	0.2236	270.0	31.5
13511.	133.5	-62.7	99.5	99.5	-91.9	1.	0.00000	0.00000	0.2218	270.0	31.7
13563.	132.5	-62.6	100.6	100.6	-91.8	1.	0.00000	0.00000	0.2200	270.0	32.0
13615.	131.4	-62.4	101.7	101.7	-91.7	1.	0.00000	0.00000	0.2180	270.0	32.3
13667.	130.4	-62.3	102.8	102.8	-91.7	1.	0.00000	0.00000	0.2164	270.0	32.6
13719.	129.4	-62.2	103.9	103.9	-91.6	1.	0.00000	0.00000	0.2148	270.0	33.0
13771.	128.5	-62.1	104.9	104.9	-91.7	1.	0.00000	0.00000	0.2133	269.0	33.3
13823.	127.5	-62.0	105.9	105.9	-91.7	1.	0.00000	0.00000	0.2116	269.0	33.7
13875.	126.6	-61.9	106.7	106.7	-91.7	1.	0.00000	0.00000	0.2101	269.0	34.0
13927.	125.7	-61.8	107.7	107.7	-91.6	1.	0.00000	0.00000	0.2085	269.0	34.4
13979.	124.8	-61.7	108.6	108.6	-91.6	1.	0.00000	0.00000	0.2069	269.0	34.8
14031.	123.9	-61.6	109.6	109.6	-91.5	1.	0.00000	0.00000	0.2053	269.0	35.1
14083.	123.0	-61.5	110.6	110.6	-91.5	1.	0.00000	0.00000	0.2038	269.0	35.4
14135.	122.1	-61.4	111.5	111.5	-91.5	1.	0.00000	0.00000	0.2025	269.0	35.6
14187.	121.2	-61.3	112.5	112.5	-91.4	1.	0.00000	0.00000	0.1991	269.0	35.9
14239.	120.3	-61.2	113.4	113.4	-91.4	1.	0.00000	0.00000	0.1976	269.0	36.2
14291.	119.4	-61.1	114.4	114.4	-91.4	1.	0.00000	0.00000	0.1959	269.0	36.5
14343.	118.5	-61.0	115.4	115.4	-91.4	1.	0.00000	0.00000	0.1944	269.0	36.8
14395.	117.6	-60.9	116.4	116.4	-91.4	1.	0.00000	0.00000	0.1929	269.0	37.1
14447.	116.7	-60.8	117.4	117.4	-91.4	1.	0.00000	0.00000	0.1914	269.0	37.4
14499.	115.8	-60.7	118.4	118.4	-91.4	1.	0.00000	0.00000	0.1900	269.0	37.7
14551.	114.9	-60.6	119.4	119.4	-91.3	1.	0.00000	0.00000	0.1886	269.0	38.0
14603.	114.0	-60.5	120.4	120.4	-91.3	1.	0.00000	0.00000	0.1872	269.0	38.3
14655.	113.1	-60.4	121.4	121.4	-91.3	1.	0.00000	0.00000	0.1858	269.0	38.6
14707.	112.2	-60.3	122.4	122.4	-91.3	1.	0.00000	0.00000	0.1844	269.0	38.9
14759.	111.3	-60.2	123.4	123.4	-91.3	1.	0.00000	0.00000	0.1832	269.0	39.2
14811.	110.4	-60.1	124.4	124.4	-91.2	1.	0.00000	0.00000	0.1818	269.0	39.5
14863.	109.5	-60.0	125.4	125.4	-91.2	1.	0.00000	0.00000	0.1802	269.0	39.8
14915.	108.6	-59.9	126.4	126.4	-91.2	1.	0.00000	0.00000	0.1786	269.0	40.1
14967.	107.7	-59.8	127.4	127.4	-91.2	1.	0.00000	0.00000	0.1769	269.0	40.4
15019.	106.8	-59.7	128.4	128.4	-91.1	1.	0.00000	0.00000	0.1752	269.0	40.7
15071.	105.9	-59.6	129.4	129.4	-91.1	1.	0.00000	0.00000	0.1736	269.0	41.0
15123.	105.0	-59.5	130.4	130.4	-91.0	1.	0.00000	0.00000	0.1720	269.0	41.3
15175.	104.1	-59.4	131.4	131.4	-91.0	1.	0.00000	0.00000	0.1707	269.0	41.6
15227.	103.2	-59.3	132.4	132.4	-91.0	1.	0.00000	0.00000	0.1693	269.0	41.9
15279.	102.3	-59.2	133.4	133.4	-91.0	1.	0.00000	0.00000	0.1681	269.0	42.2
15331.	101.4	-59.1	134.4	134.4	-91.0	1.	0.00000	0.00000	0.1666	269.0	42.5
15383.	100.5	-59.0	135.4	135.4	-91.0	1.	0.00000	0.00000	0.1654	269.0	42.8
15435.	99.6	-58.9	136.4	136.4	-91.0	1.	0.00000	0.00000	0.1639	269.0	43.1
15487.	98.7	-58.8	137.4	137.4	-91.0	1.	0.00000	0.00000	0.1626	269.0	43.4
15539.	97.8	-58.7	138.4	138.4	-91.0	1.	0.00000	0.00000	0.1612	269.0	43.7
15591.	96.9	-58.6	139.4	139.4	-91.0	1.	0.00000	0.00000	0.1598	269.0	44.0
15643.	96.0	-58.5	140.4	140.4	-91.0	1.	0.00000	0.00000	0.1584	269.0	44.3
15695.	95.1	-58.4	141.4	141.4	-91.0	1.	0.00000	0.00000	0.1572	269.0	44.6
15747.	94.2	-58.3	142.4	142.4	-91.0	1.	0.00000	0.00000	0.1561	269.0	44.9
15799.	93.3	-58.2	143.4	143.4	-91.0	1.	0.00000	0.00000	0.1548	269.0	45.2
15851.	92.4	-58.1	144.4	144.4	-91.0	1.	0.00000	0.00000	0.1537	269.0	45.5
15903.	91.5	-58.0	145.4	145.4	-91.0	1.	0.00000	0.00000	0.1526	269.0	45.8
15955.	90.6	-57.9	146.4	146.4	-91.0	1.	0.00000	0.00000	0.1511	269.0	46.1
16007.	89.7	-57.8	147.4	147.4	-91.0	1.	0.00000	0.00000	0.1499	269.0	46.4
16059.	88.8	-57.7	148.4	148.4	-91.0	1.	0.00000	0.00000	0.1485	269.0	46.7
16111.	87.9	-57.6	149.4	149.4	-91.0	1.	0.00000	0.00000	0.1473	269.0	47.0
16163.	87.0	-57.5	150.4	150.4	-91.0	1.	0.00000	0.00000	0.1458	269.0	47.3
16215.	86.1	-57.4	151.4	151.4	-91.0	1.	0.00000	0.00000	0.1445	269.0	47.6
16267.	85.2										

HEIGHT (K)	PRES (HPa)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (HPa)	1E+3 RHQW (G/M+3)	RHO (KG/M+3)	D1R (DEG)	SPEED (M/S)
16558.8	80.8	-60.5	163.1	163.1	-89.7	1.	0.00001	0.00001	0.1324	271.0	32.4
16554.4	80.2	-60.4	164.2	164.2	-89.6	1.	0.00001	0.00001	0.1324	271.0	32.5
16608.8	79.5	-60.2	165.7	165.7	-89.5	1.	0.00001	0.00001	0.1331	271.0	32.7
16664.4	78.8	-60.0	167.3	167.3	-89.3	1.	0.00001	0.00001	0.1288	272.0	32.6
16711.1	78.2	-59.8	168.2	168.2	-89.3	1.	0.00001	0.00001	0.1278	272.0	32.0
16767.7	77.5	-59.9	169.6	169.6	-89.2	1.	0.00001	0.00001	0.1266	272.0	32.1
16824.4	76.8	-59.8	170.9	170.9	-89.1	1.	0.00001	0.00001	0.1254	273.0	32.3
16873.3	76.2	-59.8	171.9	171.9	-89.2	1.	0.00001	0.00001	0.1244	273.0	32.4
16922.2	75.6	-59.8	172.9	172.9	-89.3	1.	0.00001	0.00001	0.1234	273.0	32.7
16980.0	74.9	-59.7	174.3	174.3	-89.1	1.	0.00001	0.00001	0.1222	273.0	32.9
17039.9	74.2	-59.6	175.9	175.9	-88.9	1.	0.00001	0.00001	0.1210	273.0	32.1
17089.9	73.5	-59.5	177.6	177.6	-88.7	1.	0.00001	0.00001	0.1198	273.0	32.3
17141.1	73.0	-59.4	178.3	178.3	-88.9	1.	0.00001	0.00001	0.1186	273.0	32.6
17201.1	72.3	-59.6	179.1	179.1	-89.0	1.	0.00001	0.00001	0.1179	273.0	32.8
17253.3	71.7	-59.7	179.9	179.9	-89.1	1.	0.00001	0.00001	0.1170	273.0	32.0
17314.4	71.0	-59.8	181.0	181.0	-89.2	1.	0.00001	0.00001	0.1159	273.0	32.1
17367.7	70.4	-59.9	182.1	182.1	-89.2	1.	0.00001	0.00001	0.1149	273.0	32.7
17420.0	69.8	-59.9	183.0	183.0	-89.3	1.	0.00001	0.00001	0.1140	273.0	32.1
17465.5	69.3	-60.0	183.7	183.7	-89.3	1.	0.00001	0.00001	0.1133	272.0	32.0
17517.7	68.7	-60.1	184.6	184.6	-89.3	1.	0.00001	0.00001	0.1123	272.0	32.1
17574.4	68.1	-60.1	185.5	185.5	-89.4	1.	0.00001	0.00001	0.1114	272.0	32.4
17629.9	67.5	-60.0	187.2	187.2	-89.4	1.	0.00001	0.00001	0.1103	273.0	32.4
17694.4	66.8	-59.9	188.8	188.8	-89.2	1.	0.00001	0.00001	0.1091	273.0	32.6
17750.0	66.2	-59.8	190.0	190.0	-89.1	1.	0.00001	0.00001	0.1081	273.0	32.8
17798.8	65.7	-59.7	191.0	191.0	-89.1	1.	0.00001	0.00001	0.1072	273.0	32.9
17855.5	65.1	-59.4	193.3	193.3	-88.9	1.	0.00001	0.00001	0.1051	274.0	32.8
17913.3	64.5	-59.4	194.5	194.5	-88.8	1.	0.00001	0.00001	0.1044	274.0	32.5
17961.1	64.0	-59.6	195.1	195.1	-88.9	1.	0.00001	0.00001	0.1033	274.0	32.8
18020.0	63.4	-59.4	196.8	196.8	-88.9	1.	0.00001	0.00001	0.1023	274.0	32.6
18080.0	62.8	-59.4	198.1	198.1	-88.9	1.	0.00001	0.00001	0.1016	274.0	32.8
18129.9	62.3	-59.5	198.9	198.9	-88.9	1.	0.00001	0.00001	0.1005	274.0	32.8
18190.0	61.7	-59.9	200.7	200.7	-88.8	1.	0.00001	0.00001	0.0996	274.0	32.4
18241.1	61.2	-59.9	202.5	202.5	-88.8	1.	0.00001	0.00001	0.0984	274.0	32.0
18303.3	60.6	-59.8	204.4	204.4	-88.7	1.	0.00001	0.00001	0.0974	274.0	32.1
18355.5	60.1	-59.8	206.6	206.6	-88.7	1.	0.00001	0.00001	0.0965	274.0	32.1
18407.7	59.5	-59.8	208.8	208.8	-88.7	1.	0.00001	0.00001	0.0956	274.0	32.1
18465.5	58.9	-59.7	211.1	211.1	-88.7	1.	0.00001	0.00001	0.0948	274.0	32.1
18514.4	58.4	-59.7	213.3	213.3	-88.7	1.	0.00001	0.00001	0.0939	274.0	32.1
18567.7	57.7	-59.7	215.4	215.4	-88.7	1.	0.00001	0.00001	0.0932	274.0	32.1
18611.1	57.2	-59.7	217.5	217.5	-88.7	1.	0.00001	0.00001	0.0923	274.0	32.1
18666.6	56.7	-59.7	219.6	219.6	-88.7	1.	0.00001	0.00001	0.0914	274.0	32.1
18721.1	56.2	-59.7	221.7	221.7	-88.7	1.	0.00001	0.00001	0.0906	274.0	32.1
18777.7	55.6	-59.7	223.8	223.8	-88.7	1.	0.00001	0.00001	0.0892	274.0	32.1
18822.2	55.1	-59.7	225.9	225.9	-88.7	1.	0.00001	0.00001	0.0886	274.0	32.1
18879.9	54.5	-59.7	228.0	228.0	-88.7	1.	0.00001	0.00001	0.0878	274.0	32.1
18925.5	54.0	-59.7	230.1	230.1	-88.7	1.	0.00001	0.00001	0.0871	274.0	32.1
18981.1	53.4	-59.7	232.2	232.2	-88.7	1.	0.00001	0.00001	0.0865	274.0	32.1
19041.1	52.8	-59.7	234.4	234.4	-88.7	1.	0.00001	0.00001	0.0858	274.0	32.1
19101.1	52.3	-59.7	236.5	236.5	-88.7	1.	0.00001	0.00001	0.0853	274.0	32.1
19161.1	51.7	-59.7	238.7	238.7	-88.7	1.	0.00001	0.00001	0.0847	274.0	32.1
19221.1	51.2	-59.7	240.8	240.8	-88.7	1.	0.00001	0.00001	0.0843	274.0	32.1
19281.1	50.6	-59.7	242.9	242.9	-88.7	1.	0.00001	0.00001	0.0833	274.0	32.1
19341.1	50.1	-59.7	245.0	245.0	-88.7	1.	0.00001	0.00001	0.0827	274.0	32.1
19401.1	49.5	-59.7	247.1	247.1	-88.7	1.	0.00001	0.00001	0.0819	274.0	32.1
19461.1	49.0	-59.7	249.2	249.2	-88.7	1.	0.00001	0.00001	0.0812	274.0	32.1
19521.1	48.4	-59.7	251.3	251.3	-88.7	1.	0.00001	0.00001	0.0805	274.0	32.1
19581.1	47.9	-59.7	253.4	253.4	-88.7	1.	0.00001	0.00001	0.0798	274.0	32.1
19641.1	47.3	-59.7	255.5	255.5	-88.7	1.	0.00001	0.00001	0.0791	274.0	32.1
19701.1	46.8	-59.7	257.6	257.6	-88.7	1.	0.00001	0.00001	0.0781	274.0	32.1
19761.1	46.3	-59.7	259.7	259.7	-88.7	1.	0.00001	0.00001	0.0777	274.0	32.1
19821.1	45.7	-59.7	261.8	261.8	-88.7	1.	0.00001	0.00001	0.0761	274.0	32.1
19881.1	45.2	-59.7	263.9	263.9	-88.7	1.	0.00001	0.00001	0.0754	274.0	32.1
19941.1	44.6	-59.7	266.0	266.0	-88.7	1.	0.00001	0.00001	0.0747	274.0	32.1
20001.1	44.1	-59.7	268.1	268.1	-88.7	1.	0.00001	0.00001	0.0741	274.0	32.1
20061.1	43.5	-59.7	270.2	270.2	-88.7	1.	0.00001	0.00001	0.0734	274.0	32.1
20121.1	43.0	-59.7	272.3	272.3	-88.7	1.	0.00001	0.00001	0.0727	274.0	32.1
20181.1	42.4	-59.7	274.4	274.4	-88.7	1.	0.00001	0.00001	0.0721	274.0	32.1
20241.1	41.9	-59.7	276.5	276.5	-88.7	1.	0.00001	0.00001	0.0715	274.0	32.1
20301.1	41.3	-59.7	278.6	278.6	-88.7	1.	0.00001	0.00001	0.0709	274.0	32.1
20361.1	40.8	-59.7	280.7	280.7	-88.7	1.	0.00001	0.00001	0.0703	274.0	32.1
20421.1	40.2	-59.7	282.8	282.8	-88.7	1.	0.00001	0.00001	0.0697	274.0	32.1
20481.1	39.7	-59.7	284.9	284.9	-88.7	1.	0.00001	0.00001	0.0691	274.0	32.1
20541.1	39.1	-59.7	287.0	287.0	-88.7	1.	0.00001	0.00001	0.0685	274.0	32.1
20601.1	38.6	-59.7	289.1	289.1	-88.7	1.	0.00001	0.00001	0.0679	274.0	32.1
20661.1	38.0	-59.7	291.2	291.2	-88.7	1.	0.00001	0.00001	0.0673	274.0	32.1
20721.1	37.5	-59.7	293.3	293.3	-88.7	1.	0.00001	0.00001	0.0664	274.0	32.1
20781.1	36.9	-59.7	295.4	295.4	-88.7	1.	0.00001	0.00001	0.0656	274.0	32.1
20841.1	36.4	-59.7	297.5	297.5	-88.7	1.	0.00001	0.00001	0.0648	274.0	32.1
20901.1	35.8	-59.7	299.6	299.6	-88.7	1.	0.00001	0.00001	0.0643	274.0	32.1
20961.1	35.3	-59.7	301.7	301.7	-88.7	1.	0.00001	0.00001	0.0636	274.0	32.1
21021.1	34.7	-59.7	303.8	303.8	-88.7	1.	0.00001	0.00001	0.0630	274.0	32.1
21081.1	34.2	-59.7	305.9	305.9	-88.7	1.	0.00001	0.00001	0.0623	274.0	32.1
21141.1	33.6	-59.7	308.0	308.0	-88.7	1.	0.00001	0.00001	0.0617	274.0	32.1
21201.1	33.1	-59.7	310.1	310.1	-88.7	1.	0.00001	0.00001	0.0610	274.0	32.1
21261.1	32.5	-59.7	312.2	312.2	-88.7	1.	0.00001	0.00001	0.0604	274.0	32.1
21321.1	32.0	-59.7	314.3	314.3	-88.7	1.	0.00001	0.00001	0.0598	274.0	32.1
21381.1	31.4	-59.7	316.4	316.4	-88.7	1.	0.00001	0.00001	0.0592	274.0	32.1
21441.1	30.9	-59.7	318.5	318.5	-88.7	1.	0.00001	0.00001	0.0585	274.0	32.1
21501.1	30.3	-59.7	320.6	320.6	-88.7	1.	0.00001	0.00001	0.0579	274.0	32.1
21561.1	29.8	-59.7	322.7	322.7	-88.7	1.	0.00001	0.00001	0.0574	274.0	32.1
21621.1	29.2	-59.7	324.8	324.8	-88.7	1.	0.00001	0.00001	0.0567	274.0	32.1
21681.1	28.7	-59.7	326.9	326.9	-88.7	1.	0.00001	0.00001	0.0562	274.0	32.1
21741.1	28.1	-59.7	329.0	329.0	-88.7	1.	0.00001	0.00001	0.0556	274.0	32.1
21801.1	27.6	-59.7	331.1	331.1	-88.7	1.	0.00001	0.00001	0.0550	274.0	32.1
21861.1	27.0	-59.7	333.2	333.2	-88.7	1.	0.00001	0.00001	0.0544	274.0	32.1
21921.1	26.5	-59.7	335.3	335.3	-88.7	1.	0.00001	0.00001	0.0536	274.0	32.1
21981.1	25.9	-59.7	337.4	337.4	-88.7	1.	0.00001	0.00001	0.0531	274.0	32.1
22041.1	25.4	-59.7	339.5	339.5	-88.7	1.	0.00001	0.00001	0.0525	274.0	32.1
22101.1	24.8	-59.7	341.6	341.6	-8						

SOUNDING 90.7
LATITUDE -71.8 LONGITUDE 1.0
DATE 11-0-71 TIME 2330 GMT
NUMBER OF LEVELS 100

170

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	F (MB)	1E+3*RH0W (G/M+3)	RHO (KG/M+3)	DIR (DEG)	SPEED (M/S)
5750.	445.6	-42.1	17.4	17.4	-47.5	60.	0.6512	0.6779	3.6400	13.1	13.1
5800.	445.7	-42.1	17.4	17.4	-47.5	60.	0.6472	0.6725	3.6400	13.2	13.2
5850.	445.8	-42.1	17.4	17.4	-47.5	60.	0.6432	0.6668	3.6400	13.3	13.3
5900.	445.9	-42.1	17.4	17.4	-47.5	60.	0.6392	0.6611	3.6400	13.4	13.4
5950.	446.0	-42.1	17.4	17.4	-47.5	60.	0.6352	0.6554	3.6400	13.5	13.5
6000.	446.1	-42.1	17.4	17.4	-47.5	60.	0.6312	0.6497	3.6400	13.6	13.6
6050.	446.2	-42.1	17.4	17.4	-47.5	60.	0.6272	0.6440	3.6400	13.7	13.7
6100.	446.3	-42.1	17.4	17.4	-47.5	60.	0.6232	0.6383	3.6400	13.8	13.8
6150.	446.4	-42.1	17.4	17.4	-47.5	60.	0.6192	0.6326	3.6400	13.9	13.9
6200.	446.5	-42.1	17.4	17.4	-47.5	60.	0.6152	0.6269	3.6400	14.0	14.0
6250.	446.6	-42.1	17.4	17.4	-47.5	60.	0.6112	0.6212	3.6400	14.1	14.1
6300.	446.7	-42.1	17.4	17.4	-47.5	60.	0.6072	0.6155	3.6400	14.2	14.2
6350.	446.8	-42.1	17.4	17.4	-47.5	60.	0.6032	0.6098	3.6400	14.3	14.3
6400.	446.9	-42.1	17.4	17.4	-47.5	60.	0.5992	0.6041	3.6400	14.4	14.4
6450.	447.0	-42.1	17.4	17.4	-47.5	60.	0.5952	0.5984	3.6400	14.5	14.5
6500.	447.1	-42.1	17.4	17.4	-47.5	60.	0.5912	0.5927	3.6400	14.6	14.6
6550.	447.2	-42.1	17.4	17.4	-47.5	60.	0.5872	0.5870	3.6400	14.7	14.7
6600.	447.3	-42.1	17.4	17.4	-47.5	60.	0.5832	0.5813	3.6400	14.8	14.8
6650.	447.4	-42.1	17.4	17.4	-47.5	60.	0.5792	0.5756	3.6400	14.9	14.9
6700.	447.5	-42.1	17.4	17.4	-47.5	60.	0.5752	0.5699	3.6400	15.0	15.0
6750.	447.6	-42.1	17.4	17.4	-47.5	60.	0.5712	0.5642	3.6400	15.1	15.1
6800.	447.7	-42.1	17.4	17.4	-47.5	60.	0.5672	0.5585	3.6400	15.2	15.2
6850.	447.8	-42.1	17.4	17.4	-47.5	60.	0.5632	0.5528	3.6400	15.3	15.3
6900.	447.9	-42.1	17.4	17.4	-47.5	60.	0.5592	0.5471	3.6400	15.4	15.4
6950.	448.0	-42.1	17.4	17.4	-47.5	60.	0.5552	0.5414	3.6400	15.5	15.5
7000.	448.1	-42.1	17.4	17.4	-47.5	60.	0.5512	0.5357	3.6400	15.6	15.6
7050.	448.2	-42.1	17.4	17.4	-47.5	60.	0.5472	0.5300	3.6400	15.7	15.7
7100.	448.3	-42.1	17.4	17.4	-47.5	60.	0.5432	0.5243	3.6400	15.8	15.8
7150.	448.4	-42.1	17.4	17.4	-47.5	60.	0.5392	0.5186	3.6400	15.9	15.9
7200.	448.5	-42.1	17.4	17.4	-47.5	60.	0.5352	0.5129	3.6400	16.0	16.0
7250.	448.6	-42.1	17.4	17.4	-47.5	60.	0.5312	0.5072	3.6400	16.1	16.1
7300.	448.7	-42.1	17.4	17.4	-47.5	60.	0.5272	0.5015	3.6400	16.2	16.2
7350.	448.8	-42.1	17.4	17.4	-47.5	60.	0.5232	0.4958	3.6400	16.3	16.3
7400.	448.9	-42.1	17.4	17.4	-47.5	60.	0.5192	0.4901	3.6400	16.4	16.4
7450.	449.0	-42.1	17.4	17.4	-47.5	60.	0.5152	0.4844	3.6400	16.5	16.5
7500.	449.1	-42.1	17.4	17.4	-47.5	60.	0.5112	0.4787	3.6400	16.6	16.6
7550.	449.2	-42.1	17.4	17.4	-47.5	60.	0.5072	0.4730	3.6400	16.7	16.7
7600.	449.3	-42.1	17.4	17.4	-47.5	60.	0.5032	0.4673	3.6400	16.8	16.8
7650.	449.4	-42.1	17.4	17.4	-47.5	60.	0.4992	0.4616	3.6400	16.9	16.9
7700.	449.5	-42.1	17.4	17.4	-47.5	60.	0.4952	0.4559	3.6400	17.0	17.0
7750.	449.6	-42.1	17.4	17.4	-47.5	60.	0.4912	0.4502	3.6400	17.1	17.1
7800.	449.7	-42.1	17.4	17.4	-47.5	60.	0.4872	0.4445	3.6400	17.2	17.2
7850.	449.8	-42.1	17.4	17.4	-47.5	60.	0.4832	0.4388	3.6400	17.3	17.3
7900.	449.9	-42.1	17.4	17.4	-47.5	60.	0.4792	0.4331	3.6400	17.4	17.4
7950.	450.0	-42.1	17.4	17.4	-47.5	60.	0.4752	0.4274	3.6400	17.5	17.5
8000.	450.1	-42.1	17.4	17.4	-47.5	60.	0.4712	0.4217	3.6400	17.6	17.6
8050.	450.2	-42.1	17.4	17.4	-47.5	60.	0.4672	0.4160	3.6400	17.7	17.7
8100.	450.3	-42.1	17.4	17.4	-47.5	60.	0.4632	0.4103	3.6400	17.8	17.8
8150.	450.4	-42.1	17.4	17.4	-47.5	60.	0.4592	0.4046	3.6400	17.9	17.9
8200.	450.5	-42.1	17.4	17.4	-47.5	60.	0.4552	0.3989	3.6400	18.0	18.0
8250.	450.6	-42.1	17.4	17.4	-47.5	60.	0.4512	0.3932	3.6400	18.1	18.1
8300.	450.7	-42.1	17.4	17.4	-47.5	60.	0.4472	0.3875	3.6400	18.2	18.2
8350.	450.8	-42.1	17.4	17.4	-47.5	60.	0.4432	0.3818	3.6400	18.3	18.3
8400.	450.9	-42.1	17.4	17.4	-47.5	60.	0.4392	0.3761	3.6400	18.4	18.4
8450.	451.0	-42.1	17.4	17.4	-47.5	60.	0.4352	0.3704	3.6400	18.5	18.5
8500.	451.1	-42.1	17.4	17.4	-47.5	60.	0.4312	0.3647	3.6400	18.6	18.6
8550.	451.2	-42.1	17.4	17.4	-47.5	60.	0.4272	0.3590	3.6400	18.7	18.7
8600.	451.3	-42.1	17.4	17.4	-47.5	60.	0.4232	0.3533	3.6400	18.8	18.8
8650.	451.4	-42.1	17.4	17.4	-47.5	60.	0.4192	0.3476	3.6400	18.9	18.9
8700.	451.5	-42.1	17.4	17.4	-47.5	60.	0.4152	0.3419	3.6400	19.0	19.0
8750.	451.6	-42.1	17.4	17.4	-47.5	60.	0.4112	0.3362	3.6400	19.1	19.1
8800.	451.7	-42.1	17.4	17.4	-47.5	60.	0.4072	0.3305	3.6400	19.2	19.2
8850.	451.8	-42.1	17.4	17.4	-47.5	60.	0.4032	0.3248	3.6400	19.3	19.3
8900.	451.9	-42.1	17.4	17.4	-47.5	60.	0.3992	0.3191	3.6400	19.4	19.4
8950.	452.0	-42.1	17.4	17.4	-47.5	60.	0.3952	0.3134	3.6400	19.5	19.5
9000.	452.1	-42.1	17.4	17.4	-47.5	60.	0.3912	0.3077	3.6400	19.6	19.6
9050.	452.2	-42.1	17.4	17.4	-47.5	60.	0.3872	0.3020	3.6400	19.7	19.7
9100.	452.3	-42.1	17.4	17.4	-47.5	60.	0.3832	0.2963	3.6400	19.8	19.8
9150.	452.4	-42.1	17.4	17.4	-47.5	60.	0.3792	0.2906	3.6400	19.9	19.9
9200.	452.5	-42.1	17.4	17.4	-47.5	60.	0.3752	0.2849	3.6400	20.0	20.0
9250.	452.6	-42.1	17.4	17.4	-47.5	60.	0.3712	0.2792	3.6400	20.1	20.1
9300.	452.7	-42.1	17.4	17.4	-47.5	60.	0.3672	0.2735	3.6400	20.2	20.2
9350.	452.8	-42.1	17.4	17.4	-47.5	60.	0.3632	0.2678	3.6400	20.3	20.3
9400.	452.9	-42.1	17.4	17.4	-47.5	60.	0.3592	0.2621	3.6400	20.4	20.4
9450.	453.0	-42.1	17.4	17.4	-47.5	60.	0.3552	0.2564	3.6400	20.5	20.5
9500.	453.1	-42.1	17.4	17.4	-47.5	60.	0.3512	0.2507	3.6400	20.6	20.6
9550.	453.2	-42.1	17.4	17.4	-47.5	60.	0.3472	0.2450	3.6400	20.7	20.7
9600.	453.3	-42.1	17.4	17.4	-47.5	60.	0.3432	0.2393	3.6400	20.8	20.8
9650.	453.4	-42.1	17.4	17.4	-47.5	60.	0.3392	0.2336	3.6400	20.9	20.9
9700.	453.5	-42.1	17.4	17.4	-47.5	60.	0.3352	0.2279	3.6400	21.0	21.0
9750.	453.6	-42.1	17.4	17.4	-47.5	60.	0.3312	0.2222	3.6400	21.1	21.1
9800.	453.7	-42.1	17.4	17.4	-47.5	60.	0.3272	0.2165	3.6400	21.2	21.2
9850.	453.8	-42.1	17.4	17.4	-47.5	60.	0.3232	0.2108	3.6400	21.3	21.3
9900.	453.9	-42.1	17.4	17.4	-47.5	60.	0.3192	0.2051	3.6400	21.4	21.4
9950.	454.0	-42.1	17.4	17.4	-47.5	60.	0.3152	0.1994	3.6400	21.5	21.5
10000.	454.1	-42.1	17.4	17.4	-47.5	60.	0.3112	0.1937	3.6400	21.6	21.6

SOUNDING 47.0
 LATITUDE -61.1 LONGITUDE 1.2
 DATE 11-7-61 TIME 1137 GMT
 NUMBER OF LEVELS 351

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	F (MB)	1E+3*RH0W (G/M+3)	RHO (KG/M+3)	DIR (DEG)	SPEED (M/S)
0.	982.2	-3.2	-2.3	-1.9	-5.1	85.	3.9962	3.2305	1.2785	289.0	16.0
50.	980.8	-4.3	-2.8	-2.4	-6.6	82.	3.5121	2.8551	1.2737	279.0	15.9
100.	979.2	-5.5	-3.4	-3.1	-8.2	79.	3.0534	2.4977	1.2692	271.0	16.0
150.	977.6	-6.7	-4.0	-3.7	-9.8	76.	2.6491	2.1799	1.2646	264.0	16.0
200.	975.8	-7.8	-4.6	-4.3	-11.4	73.	2.2824	1.9139	1.2607	258.0	16.6
250.	974.0	-8.7	-5.2	-4.9	-13.2	71.	2.0527	1.7872	1.2540	253.0	16.4
300.	972.2	-9.4	-5.8	-5.5	-14.2	68.	1.9555	1.6304	1.2476	248.0	16.9
350.	970.4	-10.4	-6.4	-6.1	-15.2	65.	1.7824	1.4968	1.2407	245.0	17.9
400.	968.6	-11.4	-7.0	-6.7	-16.2	62.	1.6334	1.3711	1.2335	242.0	17.0
450.	966.8	-12.1	-7.6	-7.3	-17.1	59.	1.4856	1.2529	1.2259	239.0	16.8
500.	965.0	-13.1	-8.2	-7.9	-18.0	57.	1.3606	1.1517	1.2184	237.0	16.6
550.	963.2	-14.1	-8.8	-8.5	-18.9	53.	1.2536	1.0648	1.2105	236.0	16.4
600.	961.4	-15.1	-9.4	-9.1	-19.6	50.	1.1514	0.9813	1.2032	234.0	16.2
650.	959.6	-16.3	-10.0	-9.7	-20.3	47.	1.0726	0.9168	1.1949	234.0	16.0
700.	957.8	-17.1	-10.6	-10.3	-21.4	45.	1.0087	0.8643	1.1872	234.0	15.8
750.	956.0	-18.1	-11.2	-10.9	-22.4	42.	0.9581	0.8155	1.1810	233.0	15.9
800.	954.2	-19.1	-11.8	-11.5	-23.6	39.	0.9087	0.7697	1.1753	233.0	16.0
850.	952.4	-20.1	-12.4	-12.1	-24.6	37.	0.8635	0.7307	1.1693	233.0	16.0
900.	950.6	-21.1	-13.0	-12.7	-25.6	34.	0.8235	0.6972	1.1640	233.0	16.1
950.	948.8	-22.1	-13.6	-13.3	-26.6	31.	0.7887	0.6657	1.1586	233.0	16.2
1000.	947.0	-23.1	-14.2	-13.9	-27.4	29.	0.7583	0.6357	1.1532	233.0	16.2
1050.	945.2	-24.1	-14.8	-14.5	-28.4	27.	0.7322	0.6082	1.1471	233.0	16.2
1100.	943.4	-25.1	-15.4	-15.1	-29.4	24.	0.7099	0.5822	1.1417	233.0	16.3
1150.	941.6	-26.1	-16.0	-15.7	-30.5	21.	0.6902	0.5578	1.1361	234.0	16.3
1200.	939.8	-27.1	-16.6	-16.3	-31.5	19.	0.6739	0.5347	1.1307	234.0	16.4
1250.	938.0	-28.1	-17.2	-16.9	-32.6	16.	0.6601	0.5128	1.1254	235.0	16.5
1300.	936.2	-29.1	-17.8	-17.5	-33.6	14.	0.6481	0.4920	1.1203	236.0	16.5
1350.	934.4	-30.1	-18.4	-18.1	-34.6	11.	0.6378	0.4723	1.1153	237.0	16.6
1400.	932.6	-31.1	-19.0	-18.7	-35.7	8.	0.6281	0.4536	1.1105	238.0	16.7
1450.	930.8	-32.1	-19.6	-19.3	-36.8	6.	0.6197	0.4359	1.1059	239.0	16.7
1500.	929.0	-33.1	-20.2	-19.9	-37.9		0.6124	0.4192	1.1015	240.0	16.8
1550.	927.2	-34.1	-20.8	-20.5	-39.0		0.6062	0.4034	1.0973	241.0	16.8

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	F (M)	1E+3*RH0W (G/M**3)	RHO (KG/M**3)	DIR (DEC)	SPEED (M/S)
7273.	361.2	-49.7	25.7	25.7	-55.7	47.	0.0192	0.0192	0.5631	233.0	35.2
7320.	358.6	-50.0	25.8	25.8	-55.9	48.	0.0187	0.0187	0.5601	233.0	35.2
7369.	355.9	-50.3	26.1	26.1	-56.2	48.	0.0178	0.0178	0.5566	233.0	35.3
7417.	353.3	-50.6	26.4	26.4	-56.4	49.	0.0170	0.0170	0.5535	233.0	35.3
7467.	350.6	-51.1	26.6	26.6	-56.7	49.	0.0165	0.0165	0.5501	233.0	35.4
7521.	347.7	-51.5	26.6	26.6	-56.9	50.	0.0164	0.0164	0.5465	233.0	35.5
7577.	344.4	-52.4	26.6	26.6	-57.2	51.	0.0157	0.0157	0.5439	233.0	35.7
7627.	342.0	-52.4	26.8	26.8	-57.6	51.	0.0149	0.0149	0.5397	233.0	35.7
7680.	339.2	-52.8	26.9	26.9	-57.8	52.	0.0145	0.0145	0.5363	233.0	35.9
7732.	336.6	-53.3	27.0	27.0	-58.1	53.	0.0140	0.0140	0.5331	233.0	36.0
7784.	333.8	-53.6	27.0	27.0	-58.3	54.	0.0136	0.0136	0.5297	233.0	36.1
7836.	331.1	-53.4	27.0	27.0	-58.6	54.	0.0130	0.0130	0.5261	233.0	36.2
7890.	328.3	-54.2	27.0	27.0	-58.8	55.	0.0128	0.0128	0.5224	233.0	36.4
7947.	325.5	-54.4	27.0	27.0	-58.8	55.	0.0122	0.0122	0.5189	233.0	36.5
8002.	322.6	-55.0	27.0	27.0	-59.0	57.	0.0115	0.0115	0.5127	233.0	36.6
8055.	319.7	-55.6	27.0	27.0	-59.0	57.	0.0108	0.0108	0.5094	233.0	36.8
8111.	317.1	-56.1	27.0	27.0	-61.3	57.	0.0099	0.0099	0.5059	233.0	37.1
8169.	314.5	-57.1	28.0	28.0	-61.3	58.	0.0093	0.0093	0.5029	233.0	37.2
8218.	310.9	-57.7	28.0	28.0	-61.3	58.	0.0085	0.0085	0.4967	233.0	37.3
8265.	308.4	-58.4	28.0	28.0	-62.4	59.	0.0080	0.0080	0.4938	233.0	37.4
8318.	306.1	-59.1	28.0	28.0	-62.4	59.	0.0077	0.0077	0.4874	233.0	37.4
8369.	304.4	-59.9	28.0	28.0	-63.9	59.	0.0074	0.0074	0.4810	233.0	37.4
8421.	301.9	-60.4	28.0	28.0	-63.9	59.	0.0071	0.0071	0.4746	233.0	37.4
8471.	299.5	-61.1	28.0	28.0	-64.2	60.	0.0066	0.0066	0.4680	233.0	37.5
8523.	297.0	-61.6	28.0	28.0	-64.2	60.	0.0063	0.0063	0.4615	233.0	37.5
8574.	294.6	-62.2	28.0	28.0	-64.2	60.	0.0060	0.0060	0.4551	233.0	37.6
8627.	292.2	-62.7	28.0	28.0	-64.2	60.	0.0057	0.0057	0.4486	233.0	37.6
8678.	289.7	-63.3	28.0	28.0	-64.2	60.	0.0054	0.0054	0.4422	233.0	37.7
8730.	287.3	-63.9	28.0	28.0	-64.2	60.	0.0051	0.0051	0.4358	233.0	37.7
8783.	284.9	-64.4	28.0	28.0	-64.2	60.	0.0048	0.0048	0.4294	233.0	37.8
8836.	282.5	-64.9	28.0	28.0	-64.2	60.	0.0045	0.0045	0.4230	233.0	37.8
8890.	280.1	-65.4	28.0	28.0	-64.2	60.	0.0042	0.0042	0.4165	233.0	37.9
8943.	277.8	-65.9	28.0	28.0	-64.2	60.	0.0039	0.0039	0.4101	233.0	37.9
8998.	275.4	-66.4	28.0	28.0	-64.2	60.	0.0036	0.0036	0.4037	233.0	38.0
9053.	273.1	-66.9	28.0	28.0	-64.2	60.	0.0033	0.0033	0.3973	233.0	38.0
9108.	270.7	-67.4	28.0	28.0	-64.2	60.	0.0030	0.0030	0.3909	233.0	38.1
9163.	268.4	-67.9	28.0	28.0	-64.2	60.	0.0027	0.0027	0.3845	233.0	38.1
9218.	266.1	-68.4	28.0	28.0	-64.2	60.	0.0024	0.0024	0.3781	233.0	38.2
9273.	263.8	-68.9	28.0	28.0	-64.2	60.	0.0021	0.0021	0.3717	233.0	38.2
9328.	261.5	-69.4	28.0	28.0	-64.2	60.	0.0018	0.0018	0.3653	233.0	38.3
9383.	259.2	-69.9	28.0	28.0	-64.2	60.	0.0015	0.0015	0.3589	233.0	38.3
9438.	256.9	-70.4	28.0	28.0	-64.2	60.	0.0012	0.0012	0.3525	233.0	38.4
9493.	254.6	-70.9	28.0	28.0	-64.2	60.	0.0009	0.0009	0.3461	233.0	38.4
9548.	252.3	-71.4	28.0	28.0	-64.2	60.	0.0006	0.0006	0.3397	233.0	38.5
9603.	250.0	-71.9	28.0	28.0	-64.2	60.	0.0003	0.0003	0.3333	233.0	38.5
9658.	247.7	-72.4	28.0	28.0	-64.2	60.	0.0000	0.0000	0.3269	233.0	38.6
9713.	245.4	-72.9	28.0	28.0	-64.2	60.	0.0000	0.0000	0.3205	233.0	38.6
9768.	243.1	-73.4	28.0	28.0	-64.2	60.	0.0000	0.0000	0.3141	233.0	38.7
9823.	240.8	-73.9	28.0	28.0	-64.2	60.	0.0000	0.0000	0.3077	233.0	38.7
9878.	238.5	-74.4	28.0	28.0	-64.2	60.	0.0000	0.0000	0.3013	233.0	38.8
9933.	236.2	-74.9	28.0	28.0	-64.2	60.	0.0000	0.0000	0.2949	233.0	38.8
9988.	233.9	-75.4	28.0	28.0	-64.2	60.	0.0000	0.0000	0.2885	233.0	38.9
10043.	231.6	-75.9	28.0	28.0	-64.2	60.	0.0000	0.0000	0.2821	233.0	38.9
10098.	229.3	-76.4	28.0	28.0	-64.2	60.	0.0000	0.0000	0.2757	233.0	39.0
10153.	227.0	-76.9	28.0	28.0	-64.2	60.	0.0000	0.0000	0.2693	233.0	39.0
10208.	224.7	-77.4	28.0	28.0	-64.2	60.	0.0000	0.0000	0.2629	233.0	39.1
10263.	222.4	-77.9	28.0	28.0	-64.2	60.	0.0000	0.0000	0.2565	233.0	39.1
10318.	220.1	-78.4	28.0	28.0	-64.2	60.	0.0000	0.0000	0.2501	233.0	39.2
10373.	217.8	-78.9	28.0	28.0	-64.2	60.	0.0000	0.0000	0.2437	233.0	39.2
10428.	215.5	-79.4	28.0	28.0	-64.2	60.	0.0000	0.0000	0.2373	233.0	39.3
10483.	213.2	-79.9	28.0	28.0	-64.2	60.	0.0000	0.0000	0.2309	233.0	39.3
10538.	210.9	-80.4	28.0	28.0	-64.2	60.	0.0000	0.0000	0.2245	233.0	39.4
10593.	208.6	-80.9	28.0	28.0	-64.2	60.	0.0000	0.0000	0.2181	233.0	39.4
10648.	206.3	-81.4	28.0	28.0	-64.2	60.	0.0000	0.0000	0.2117	233.0	39.5
10703.	204.0	-81.9	28.0	28.0	-64.2	60.	0.0000	0.0000	0.2053	233.0	39.5
10758.	201.7	-82.4	28.0	28.0	-64.2	60.	0.0000	0.0000	0.1989	233.0	39.6
10813.	199.4	-82.9	28.0	28.0	-64.2	60.	0.0000	0.0000	0.1925	233.0	39.6
10868.	197.1	-83.4	28.0	28.0	-64.2	60.	0.0000	0.0000	0.1861	233.0	39.7
10923.	194.8	-83.9	28.0	28.0	-64.2	60.	0.0000	0.0000	0.1797	233.0	39.7
10978.	192.5	-84.4	28.0	28.0	-64.2	60.	0.0000	0.0000	0.1733	233.0	39.8
11033.	190.2	-84.9	28.0	28.0	-64.2	60.	0.0000	0.0000	0.1669	233.0	39.8
11088.	187.9	-85.4	28.0	28.0	-64.2	60.	0.0000	0.0000	0.1605	233.0	39.9
11143.	185.6	-85.9	28.0	28.0	-64.2	60.	0.0000	0.0000	0.1541	233.0	39.9
11198.	183.3	-86.4	28.0	28.0	-64.2	60.	0.0000	0.0000	0.1477	233.0	40.0
11253.	181.0	-86.9	28.0	28.0	-64.2	60.	0.0000	0.0000	0.1413	233.0	40.0
11308.	178.7	-87.4	28.0	28.0	-64.2	60.	0.0000	0.0000	0.1349	233.0	40.1
11363.	176.4	-87.9	28.0	28.0	-64.2	60.	0.0000	0.0000	0.1285	233.0	40.1
11418.	174.1	-88.4	28.0	28.0	-64.2	60.	0.0000	0.0000	0.1221	233.0	40.2
11473.	171.8	-88.9	28.0	28.0	-64.2	60.	0.0000	0.0000	0.1157	233.0	40.2
11528.	169.5	-89.4	28.0	28.0	-64.2	60.	0.0000	0.0000	0.1093	233.0	40.3
11583.	167.2	-89.9	28.0	28.0	-64.2	60.	0.0000	0.0000	0.1029	233.0	40.3
11638.	164.9	-90.4	28.0	28.0	-64.2	60.	0.0000	0.0000	0.0965	233.0	40.4
11693.	162.6	-90.9	28.0	28.0	-64.2	60.	0.0000	0.0000	0.0901	233.0	40.4
11748.	160.3	-91.4	28.0	28.0	-64.2	60.	0.0000	0.0000	0.0837	233.0	40.5
11803.	158.0	-91.9	28.0	28.0	-64.2	60.	0.0000	0.0000	0.0773	233.0	40.5
11858.	155.7	-92.4	28.0	28.0	-64.2	60.	0.0000	0.0000	0.0709	233.0	40.6
11913.	153.4	-92.9	28.0	28.0	-64.2	60.	0.0000	0.0000	0.0645	233.0	40.6
11968.	151.1	-93.4	28.0	28.0	-64.2	60.	0.0000	0.0000	0.0581	233.0	40.7
12023.	148.8	-93.9	28.0	28.0	-64.2	60.	0.0000	0.0000	0.0517	233.0	40.7
12078.	146.5	-94.4	28.0	28.0	-64.2	60.	0.0000	0.0000	0.0453	233.0	40.8
12133.	144.2	-94.9	28.0	28.0	-64.2	60.	0.0000	0.0000	0.0389	233.0	40.8
12188.	141.9	-95.4	28.0	28.0	-64.2	60.	0.0000	0.0000	0.0325	233.0	40.9
12243.	139.6	-95.9	28.0	28.0	-64.2	60.	0.0000	0.0000	0.0261	233.0	40.9
12298.	137.3	-96.4	28.0	28.0	-64.2	60.	0.0000	0.0000	0.0197	233.0	41.0
12353.	135.0	-96.9	28.0	28.0	-64.2	60.	0.0000	0.0000	0.0133	233.0	41.0
12408.	132.7	-97.4	28.0	28.0	-64.2	60.	0.0000	0.0000	0.0069	233.0	41.1
12463.	130.4	-97.9	28.0	28.0	-64.2	60.	0.0000	0.0000	0.0005	233.0	41.1
12518.	128.1	-98.4	28.0	28.0	-64.2	60.	0.0000	0.0000	0.0000	233.0	41.2
12573.	125.8	-98.9	28.0	28.0	-64.2	60.	0.0000	0.0000	0.0000	233.0	41.2
12628.	123.5	-99.4	28.0	28.0	-64.2	60.	0.0000	0.0000	0.0000	233.0	41.3
12683.	121.2	-99.9	28.0	28.0	-64.2	60.	0.0000	0.0000	0.0000	233.0	41.3
12738.	118.9	-100.4	28.0	28.0	-64.2	60.	0.0000	0.0000	0.0000	233.0	41.4
12793.	116.6										

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SOUNDING 48.0
LATITUDE -81.5 LONGITUDE 1.1
DATE 11-7-81 TIME 2335 GMT
NUMBER OF LEVELS 404

HEIGHT (M)	PRES (H-P)	T (C)	THETA (C)	THETA/ (C)	DEW POINT (C)	REL HUM (%)	W (M)	10*3*RHGW (G/P*0.3)	RHO (KG/M*3)	DPR (C/F)	SPED (M/S)
951.6	-3.2	-1.5	-2.1	-2.1	-5.4	83.3	3.1578	1.2528	34.0	14.6	5.2
944.4	-3.2	-1.5	-2.1	-2.1	-5.4	83.3	3.1578	1.2528	34.0	14.6	5.2
937.2	-3.2	-1.5	-2.1	-2.1	-5.4	83.3	3.1578	1.2528	34.0	14.6	5.2
930.0	-3.2	-1.5	-2.1	-2.1	-5.4	83.3	3.1578	1.2528	34.0	14.6	5.2
922.8	-3.2	-1.5	-2.1	-2.1	-5.4	83.3	3.1578	1.2528	34.0	14.6	5.2
915.6	-3.2	-1.5	-2.1	-2.1	-5.4	83.3	3.1578	1.2528	34.0	14.6	5.2
908.4	-3.2	-1.5	-2.1	-2.1	-5.4	83.3	3.1578	1.2528	34.0	14.6	5.2
901.2	-3.2	-1.5	-2.1	-2.1	-5.4	83.3	3.1578	1.2528	34.0	14.6	5.2
894.0	-3.2	-1.5	-2.1	-2.1	-5.4	83.3	3.1578	1.2528	34.0	14.6	5.2
886.8	-3.2	-1.5	-2.1	-2.1	-5.4	83.3	3.1578	1.2528	34.0	14.6	5.2
879.6	-3.2	-1.5	-2.1	-2.1	-5.4	83.3	3.1578	1.2528	34.0	14.6	5.2
872.4	-3.2	-1.5	-2.1	-2.1	-5.4	83.3	3.1578	1.2528	34.0	14.6	5.2
865.2	-3.2	-1.5	-2.1	-2.1	-5.4	83.3	3.1578	1.2528	34.0	14.6	5.2
858.0	-3.2	-1.5	-2.1	-2.1	-5.4	83.3	3.1578	1.2528	34.0	14.6	5.2
850.8	-3.2	-1.5	-2.1	-2.1	-5.4	83.3	3.1578	1.2528	34.0	14.6	5.2
843.6	-3.2	-1.5	-2.1	-2.1	-5.4	83.3	3.1578	1.2528	34.0	14.6	5.2
836.4	-3.2	-1.5	-2.1	-2.1	-5.4	83.3	3.1578	1.2528	34.0	14.6	5.2
829.2	-3.2	-1.5	-2.1	-2.1	-5.4	83.3	3.1578	1.2528	34.0	14.6	5.2
822.0	-3.2	-1.5	-2.1	-2.1	-5.4	83.3	3.1578	1.2528	34.0	14.6	5.2
814.8	-3.2	-1.5	-2.1	-2.1	-5.4	83.3	3.1578	1.2528	34.0	14.6	5.2
807.6	-3.2	-1.5	-2.1	-2.1	-5.4	83.3	3.1578	1.2528	34.0	14.6	5.2
800.4	-3.2	-1.5	-2.1	-2.1	-5.4	83.3	3.1578	1.2528	34.0	14.6	5.2
793.2	-3.2	-1.5	-2.1	-2.1	-5.4	83.3	3.1578	1.2528	34.0	14.6	5.2
786.0	-3.2	-1.5	-2.1	-2.1	-5.4	83.3	3.1578	1.2528	34.0	14.6	5.2
778.8	-3.2	-1.5	-2.1	-2.1	-5.4	83.3	3.1578	1.2528	34.0	14.6	5.2
771.6	-3.2	-1.5	-2.1	-2.1	-5.4	83.3	3.1578	1.2528	34.0	14.6	5.2
764.4	-3.2	-1.5	-2.1	-2.1	-5.4	83.3	3.1578	1.2528	34.0	14.6	5.2
757.2	-3.2	-1.5	-2.1	-2.1	-5.4	83.3	3.1578	1.2528	34.0	14.6	5.2
750.0	-3.2	-1.5	-2.1	-2.1	-5.4	83.3	3.1578	1.2528	34.0	14.6	5.2
742.8	-3.2	-1.5	-2.1	-2.1	-5.4	83.3	3.1578	1.2528	34.0	14.6	5.2
735.6	-3.2	-1.5	-2.1	-2.1	-5.4	83.3	3.1578	1.2528	34.0	14.6	5.2
728.4	-3.2	-1.5	-2.1	-2.1	-5.4	83.3	3.1578	1.2528	34.0	14.6	5.2
721.2	-3.2	-1.5	-2.1	-2.1	-5.4	83.3	3.1578	1.2528	34.0	14.6	5.2
714.0	-3.2	-1.5	-2.1	-2.1	-5.4	83.3	3.1578	1.2528	34.0	14.6	5.2
706.8	-3.2	-1.5	-2.1	-2.1	-5.4	83.3	3.1578	1.2528	34.0	14.6	5.2
699.6											

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3-RH0W (G/M+3)	RHO (KG/M+3)	D1R (DEG)	SPEED (M/S)
5638.	466.2	-36.7	20.9	20.9	-38.4	83.	0.1545	0.1426	0.6870	274.0	25.4
5639.	466.1	-37.1	21.1	21.2	-38.8	83.	0.1548	0.1426	0.6870	274.0	25.4
5640.	466.0	-37.7	21.1	21.1	-39.4	83.	0.1548	0.1426	0.6870	274.0	25.4
5641.	465.9	-38.2	21.1	21.1	-39.4	83.	0.1548	0.1426	0.6870	274.0	25.4
5642.	465.8	-38.7	21.1	21.1	-40.4	83.	0.1548	0.1426	0.6870	274.0	25.4
5643.	465.7	-39.2	21.1	21.1	-40.8	83.	0.1548	0.1426	0.6870	274.0	25.4
5644.	465.6	-39.6	21.1	21.1	-41.2	83.	0.1548	0.1426	0.6870	274.0	25.4
5645.	465.5	-40.1	21.1	21.1	-41.7	83.	0.1548	0.1426	0.6870	274.0	25.4
5646.	465.4	-40.5	21.1	21.1	-42.1	83.	0.1548	0.1426	0.6870	274.0	25.4
5647.	465.3	-40.9	21.1	21.1	-42.5	83.	0.1548	0.1426	0.6870	274.0	25.4
5648.	465.2	-41.3	21.1	21.1	-42.9	83.	0.1548	0.1426	0.6870	274.0	25.4
5649.	465.1	-41.7	21.1	21.1	-43.3	83.	0.1548	0.1426	0.6870	274.0	25.4
5650.	465.0	-42.1	21.1	21.1	-43.7	83.	0.1548	0.1426	0.6870	274.0	25.4
5651.	464.9	-42.5	21.1	21.1	-44.2	83.	0.1548	0.1426	0.6870	274.0	25.4
5652.	464.8	-42.9	21.1	21.1	-44.7	83.	0.1548	0.1426	0.6870	274.0	25.4
5653.	464.7	-43.3	21.1	21.1	-45.1	83.	0.1548	0.1426	0.6870	274.0	25.4
5654.	464.6	-43.7	21.1	21.1	-45.5	83.	0.1548	0.1426	0.6870	274.0	25.4
5655.	464.5	-44.1	21.1	21.1	-45.9	83.	0.1548	0.1426	0.6870	274.0	25.4
5656.	464.4	-44.5	21.1	21.1	-46.3	83.	0.1548	0.1426	0.6870	274.0	25.4
5657.	464.3	-44.9	21.1	21.1	-46.7	83.	0.1548	0.1426	0.6870	274.0	25.4
5658.	464.2	-45.3	21.1	21.1	-47.1	83.	0.1548	0.1426	0.6870	274.0	25.4
5659.	464.1	-45.7	21.1	21.1	-47.5	83.	0.1548	0.1426	0.6870	274.0	25.4
5660.	464.0	-46.1	21.1	21.1	-47.9	83.	0.1548	0.1426	0.6870	274.0	25.4
5661.	463.9	-46.5	21.1	21.1	-48.3	83.	0.1548	0.1426	0.6870	274.0	25.4
5662.	463.8	-46.9	21.1	21.1	-48.7	83.	0.1548	0.1426	0.6870	274.0	25.4
5663.	463.7	-47.3	21.1	21.1	-49.1	83.	0.1548	0.1426	0.6870	274.0	25.4
5664.	463.6	-47.7	21.1	21.1	-49.5	83.	0.1548	0.1426	0.6870	274.0	25.4
5665.	463.5	-48.1	21.1	21.1	-49.9	83.	0.1548	0.1426	0.6870	274.0	25.4
5666.	463.4	-48.5	21.1	21.1	-50.3	83.	0.1548	0.1426	0.6870	274.0	25.4
5667.	463.3	-48.9	21.1	21.1	-50.7	83.	0.1548	0.1426	0.6870	274.0	25.4
5668.	463.2	-49.3	21.1	21.1	-51.1	83.	0.1548	0.1426	0.6870	274.0	25.4
5669.	463.1	-49.7	21.1	21.1	-51.5	83.	0.1548	0.1426	0.6870	274.0	25.4
5670.	463.0	-50.1	21.1	21.1	-51.9	83.	0.1548	0.1426	0.6870	274.0	25.4
5671.	462.9	-50.5	21.1	21.1	-52.3	83.	0.1548	0.1426	0.6870	274.0	25.4
5672.	462.8	-50.9	21.1	21.1	-52.7	83.	0.1548	0.1426	0.6870	274.0	25.4
5673.	462.7	-51.3	21.1	21.1	-53.1	83.	0.1548	0.1426	0.6870	274.0	25.4
5674.	462.6	-51.7	21.1	21.1	-53.5	83.	0.1548	0.1426	0.6870	274.0	25.4
5675.	462.5	-52.1	21.1	21.1	-53.9	83.	0.1548	0.1426	0.6870	274.0	25.4
5676.	462.4	-52.5	21.1	21.1	-54.3	83.	0.1548	0.1426	0.6870	274.0	25.4
5677.	462.3	-52.9	21.1	21.1	-54.7	83.	0.1548	0.1426	0.6870	274.0	25.4
5678.	462.2	-53.3	21.1	21.1	-55.1	83.	0.1548	0.1426	0.6870	274.0	25.4
5679.	462.1	-53.7	21.1	21.1	-55.5	83.	0.1548	0.1426	0.6870	274.0	25.4
5680.	462.0	-54.1	21.1	21.1	-55.9	83.	0.1548	0.1426	0.6870	274.0	25.4
5681.	461.9	-54.5	21.1	21.1	-56.3	83.	0.1548	0.1426	0.6870	274.0	25.4
5682.	461.8	-54.9	21.1	21.1	-56.7	83.	0.1548	0.1426	0.6870	274.0	25.4
5683.	461.7	-55.3	21.1	21.1	-57.1	83.	0.1548	0.1426	0.6870	274.0	25.4
5684.	461.6	-55.7	21.1	21.1	-57.5	83.	0.1548	0.1426	0.6870	274.0	25.4
5685.	461.5	-56.1	21.1	21.1	-57.9	83.	0.1548	0.1426	0.6870	274.0	25.4
5686.	461.4	-56.5	21.1	21.1	-58.3	83.	0.1548	0.1426	0.6870	274.0	25.4
5687.	461.3	-56.9	21.1	21.1	-58.7	83.	0.1548	0.1426	0.6870	274.0	25.4
5688.	461.2	-57.3	21.1	21.1	-59.1	83.	0.1548	0.1426	0.6870	274.0	25.4
5689.	461.1	-57.7	21.1	21.1	-59.5	83.	0.1548	0.1426	0.6870	274.0	25.4
5690.	461.0	-58.1	21.1	21.1	-59.9	83.	0.1548	0.1426	0.6870	274.0	25.4
5691.	460.9	-58.5	21.1	21.1	-60.3	83.	0.1548	0.1426	0.6870	274.0	25.4
5692.	460.8	-58.9	21.1	21.1	-60.7	83.	0.1548	0.1426	0.6870	274.0	25.4
5693.	460.7	-59.3	21.1	21.1	-61.1	83.	0.1548	0.1426	0.6870	274.0	25.4
5694.	460.6	-59.7	21.1	21.1	-61.5	83.	0.1548	0.1426	0.6870	274.0	25.4
5695.	460.5	-60.1	21.1	21.1	-61.9	83.	0.1548	0.1426	0.6870	274.0	25.4
5696.	460.4	-60.5	21.1	21.1	-62.3	83.	0.1548	0.1426	0.6870	274.0	25.4
5697.	460.3	-60.9	21.1	21.1	-62.7	83.	0.1548	0.1426	0.6870	274.0	25.4
5698.	460.2	-61.3	21.1	21.1	-63.1	83.	0.1548	0.1426	0.6870	274.0	25.4
5699.	460.1	-61.7	21.1	21.1	-63.5	83.	0.1548	0.1426	0.6870	274.0	25.4
5700.	460.0	-62.1	21.1	21.1	-63.9	83.	0.1548	0.1426	0.6870	274.0	25.4
5701.	459.9	-62.5	21.1	21.1	-64.3	83.	0.1548	0.1426	0.6870	274.0	25.4
5702.	459.8	-62.9	21.1	21.1	-64.7	83.	0.1548	0.1426	0.6870	274.0	25.4
5703.	459.7	-63.3	21.1	21.1	-65.1	83.	0.1548	0.1426	0.6870	274.0	25.4
5704.	459.6	-63.7	21.1	21.1	-65.5	83.	0.1548	0.1426	0.6870	274.0	25.4
5705.	459.5	-64.1	21.1	21.1	-65.9	83.	0.1548	0.1426	0.6870	274.0	25.4
5706.	459.4	-64.5	21.1	21.1	-66.3	83.	0.1548	0.1426	0.6870	274.0	25.4
5707.	459.3	-64.9	21.1	21.1	-66.7	83.	0.1548	0.1426	0.6870	274.0	25.4
5708.	459.2	-65.3	21.1	21.1	-67.1	83.	0.1548	0.1426	0.6870	274.0	25.4
5709.	459.1	-65.7	21.1	21.1	-67.5	83.	0.1548	0.1426	0.6870	274.0	25.4
5710.	459.0	-66.1	21.1	21.1	-67.9	83.	0.1548	0.1426	0.6870	274.0	25.4
5711.	458.9	-66.5	21.1	21.1	-68.3	83.	0.1548	0.1426	0.6870	274.0	25.4
5712.	458.8	-66.9	21.1	21.1	-68.7	83.	0.1548	0.1426	0.6870	274.0	25.4
5713.	458.7	-67.3	21.1	21.1	-69.1	83.	0.1548	0.1426	0.6870	274.0	25.4
5714.	458.6	-67.7	21.1	21.1	-69.5	83.	0.1548	0.1426	0.6870	274.0	25.4
5715.	458.5	-68.1	21.1	21.1	-69.9	83.	0.1548	0.1426	0.6870	274.0	25.4
5716.	458.4	-68.5	21.1	21.1	-70.3	83.	0.1548	0.1426	0.6870	274.0	25.4
5717.	458.3	-68.9	21.1	21.1	-70.7	83.	0.1548	0.1426	0.6870	274.0	25.4
5718.	458.2	-69.3	21.1	21.1	-71.1	83.	0.1548	0.1426	0.6870	274.0	25.4
5719.	458.1	-69.7	21.1	21.1	-71.5	83.	0.1548	0.1426	0.6870	274.0	25.4
5720.	458.0	-70.1	21.1	21.1	-71.9	83.	0.1548	0.1426	0.6870	274.0	25.4
5721.	457.9	-70.5	21.1	21.1	-72.3	83.	0.1548	0.1426	0.6870	274.0	25.4
5722.	457.8	-70.9	21.1	21.1	-72.7	83.	0.1548	0.1426	0.6870	274.0	25.4
5723.	457.7	-71.3	21.1	21.1	-73.1	83.	0.1548	0.1426	0.6870	274.0	25.4
5724.	457.6	-71.7	21.1	21.1	-73.5	83.	0.1548	0.1426	0.6870	274.0	25.4
5725.	457.5	-72.1	21.1	21.1	-73.9	83.	0.1548	0.1426	0.6870	274.0	25.4
5726.	457.4	-72.5	21.1	21.1	-74.3	83.	0.1548	0.1426	0.6870	274.0	25.4
5727.	457.3	-72.9	21.1	21.1	-74.7	83.	0.1548	0.1426	0.6870	274.0	25.4
5728.	457.2	-73.3	21.1	21.1	-75.1	83.	0.1548	0.1426	0.6870	274.0	25.4
5729.	457.1	-73.7	21.1	21.1	-75.5	83.	0.1548	0.1426	0.6870	274.0	25.4
5730.	457.0	-74.1	21.1	21.1	-75.9	83.	0.1548	0.1426	0.6870	274.0	25.4
5731.	456.9	-74.5	21.1	21.1	-76.3	83.	0.1548	0.1426	0.6870	274.0	25.4
5732.	456.8	-74.9	21.1	21.1	-76.7	83.	0.1548	0.1426	0.6870	274.0	25.4
5733.	456.7	-75.3	21.1	21.1	-77.1	83.	0.1548	0.1426	0.6870	274.0	25.4
5734.	456.6	-75.7	21.1	21.1	-77.5	83.	0.1548	0.1426	0.6870	274.0	25.4
5735.	456.5	-76.1	21.1	21.1	-77.9	83.	0.1548	0.1426	0.6870	274.0	25.4
5736.	456.4	-76.5	21.1	21.1	-78.3	83.	0.1548	0.1426	0.6870	274.0	25.4
5737.	456.3	-76.9	21.1	21.1	-78.7	83.	0.1548	0.1426	0.6870	274.0	25.4
5738.	456.2	-77.3	21.1	21.1	-79.1	83.	0.1548	0.1426	0.6870	274.0	25.4
5739.	456.1	-77.7	21.1	21.1	-79.5	83.	0.1548	0.1426	0.6870	274.0	25.4
5740.	456.0	-78.1	21.1	21.1	-79.9	83.	0.15				

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RH0W (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
11027.	199.1	-66.3	54.8	54.2	-67.6	83.	0.5177	0.0039	0.353	263.0	27.7
11109.	197.7	-66.2	55.7	55.7	-67.5	83.	0.5034	0.0039	0.353	261.0	27.5
11118.	196.1	-66.1	56.6	56.6	-67.4	83.	0.4891	0.0039	0.353	259.0	27.3
11155.	194.6	-66.1	57.3	57.3	-67.4	83.	0.4748	0.0039	0.353	257.0	27.1
11212.	193.1	-66.1	58.0	58.0	-67.4	83.	0.4605	0.0039	0.353	255.0	26.9
11256.	191.7	-66.1	58.7	58.7	-67.4	83.	0.4462	0.0039	0.353	253.0	26.7
11300.	190.3	-66.0	59.6	59.6	-67.3	83.	0.4319	0.0039	0.353	251.0	26.5
11345.	188.9	-66.0	60.3	60.3	-67.3	83.	0.4176	0.0039	0.353	249.0	26.3
11387.	187.6	-66.0	61.2	61.2	-67.3	83.	0.4033	0.0039	0.353	247.0	26.1
11432.	186.2	-66.0	61.7	61.7	-67.3	83.	0.3890	0.0039	0.353	245.0	25.9
11478.	184.8	-66.0	62.5	62.5	-67.3	83.	0.3747	0.0039	0.353	243.0	25.7
11521.	183.5	-66.0	63.3	63.3	-67.2	83.	0.3604	0.0039	0.353	241.0	25.5
11567.	182.1	-66.0	64.0	64.0	-67.2	83.	0.3461	0.0039	0.353	239.0	25.3
11610.	180.8	-66.0	64.6	64.6	-67.2	83.	0.3318	0.0039	0.353	237.0	25.1
11654.	179.5	-66.0	65.3	65.3	-67.2	83.	0.3175	0.0039	0.353	235.0	24.9
11698.	178.2	-66.0	66.0	66.0	-67.1	83.	0.3032	0.0039	0.353	233.0	24.7
11742.	176.9	-66.0	66.7	66.7	-67.1	83.	0.2889	0.0039	0.353	231.0	24.5
11787.	175.6	-66.0	67.6	67.6	-67.1	83.	0.2746	0.0039	0.353	229.0	24.3
11829.	174.4	-66.0	68.3	68.3	-67.1	83.	0.2603	0.0039	0.353	227.0	24.1
11874.	173.1	-66.0	69.0	69.0	-67.1	83.	0.2460	0.0039	0.353	225.0	23.9
11918.	171.9	-66.0	69.9	69.9	-67.1	83.	0.2317	0.0039	0.353	223.0	23.7
11959.	170.7	-66.0	70.8	70.8	-67.1	83.	0.2174	0.0039	0.353	221.0	23.5
12002.	169.5	-66.0	71.3	71.3	-67.1	83.	0.2031	0.0039	0.353	219.0	23.3
12045.	168.3	-66.0	72.0	72.0	-67.1	83.	0.1888	0.0039	0.353	217.0	23.1
12088.	167.1	-66.0	72.5	72.5	-67.1	83.	0.1745	0.0039	0.353	215.0	22.9
12128.	166.0	-66.0	73.1	73.1	-67.2	83.	0.1602	0.0039	0.353	213.0	22.7
12168.	164.9	-66.0	73.6	73.6	-67.2	83.	0.1459	0.0039	0.353	211.0	22.5
12209.	163.8	-66.0	74.3	74.3	-67.2	83.	0.1316	0.0039	0.353	209.0	22.3
12253.	162.6	-66.0	75.0	75.0	-67.1	83.	0.1173	0.0039	0.353	207.0	22.1
12295.	161.5	-66.0	76.1	76.1	-67.1	83.	0.1030	0.0039	0.353	205.0	21.9
12338.	160.4	-66.0	76.9	76.9	-67.1	83.	0.0887	0.0039	0.353	203.0	21.7
12378.	159.3	-66.0	77.8	77.8	-67.1	83.	0.0744	0.0039	0.353	201.0	21.5
12420.	158.2	-66.0	78.6	78.6	-67.1	83.	0.0601	0.0039	0.353	199.0	21.3
12461.	157.1	-66.0	79.5	79.5	-67.1	83.	0.0458	0.0039	0.353	197.0	21.1
12501.	156.0	-66.0	80.4	80.4	-67.1	83.	0.0315	0.0039	0.353	195.0	20.9
12540.	154.9	-66.0	81.3	81.3	-67.1	83.	0.0172	0.0039	0.353	193.0	20.7
12583.	153.8	-66.0	81.7	81.7	-67.1	83.	0.0029	0.0039	0.353	191.0	20.5
12627.	152.7	-66.0	82.6	82.6	-67.1	83.	0.0000	0.0039	0.353	189.0	20.3
12667.	151.6	-66.0	83.5	83.5	-67.1	83.	0.0000	0.0039	0.353	187.0	20.1
12707.	150.5	-66.0	84.4	84.4	-67.1	83.	0.0000	0.0039	0.353	185.0	19.9
12747.	149.4	-66.0	85.3	85.3	-67.1	83.	0.0000	0.0039	0.353	183.0	19.7
12784.	148.3	-66.0	86.2	86.2	-67.1	83.	0.0000	0.0039	0.353	181.0	19.5
12823.	147.2	-66.0	87.1	87.1	-67.1	83.	0.0000	0.0039	0.353	179.0	19.3
12866.	146.1	-66.0	88.0	88.0	-67.1	83.	0.0000	0.0039	0.353	177.0	19.1
12907.	145.0	-66.0	88.9	88.9	-67.1	83.	0.0000	0.0039	0.353	175.0	18.9
12945.	143.9	-66.0	89.8	89.8	-67.1	83.	0.0000	0.0039	0.353	173.0	18.7
12982.	142.8	-66.0	90.7	90.7	-67.1	83.	0.0000	0.0039	0.353	171.0	18.5
13023.	141.7	-66.0	91.6	91.6	-67.1	83.	0.0000	0.0039	0.353	169.0	18.3
13061.	140.6	-66.0	92.5	92.5	-67.1	83.	0.0000	0.0039	0.353	167.0	18.1
13104.	139.5	-66.0	93.4	93.4	-67.1	83.	0.0000	0.0039	0.353	165.0	17.9
13145.	138.4	-66.0	94.3	94.3	-67.1	83.	0.0000	0.0039	0.353	163.0	17.7
13186.	137.3	-66.0	95.2	95.2	-67.1	83.	0.0000	0.0039	0.353	161.0	17.5
13227.	136.2	-66.0	96.1	96.1	-67.1	83.	0.0000	0.0039	0.353	159.0	17.3
13267.	135.1	-66.0	97.0	97.0	-67.1	83.	0.0000	0.0039	0.353	157.0	17.1
13307.	134.0	-66.0	97.9	97.9	-67.1	83.	0.0000	0.0039	0.353	155.0	16.9
13347.	132.9	-66.0	98.8	98.8	-67.1	83.	0.0000	0.0039	0.353	153.0	16.7
13386.	131.8	-66.0	99.7	99.7	-67.1	83.	0.0000	0.0039	0.353	151.0	16.5
13425.	130.7	-66.0	100.6	100.6	-67.1	83.	0.0000	0.0039	0.353	149.0	16.3
13465.	129.6	-66.0	101.5	101.5	-67.1	83.	0.0000	0.0039	0.353	147.0	16.1
13505.	128.5	-66.0	102.4	102.4	-67.1	83.	0.0000	0.0039	0.353	145.0	15.9
13545.	127.4	-66.0	103.3	103.3	-67.1	83.	0.0000	0.0039	0.353	143.0	15.7
13585.	126.3	-66.0	104.2	104.2	-67.1	83.	0.0000	0.0039	0.353	141.0	15.5
13625.	125.2	-66.0	105.1	105.1	-67.1	83.	0.0000	0.0039	0.353	139.0	15.3
13665.	124.1	-66.0	106.0	106.0	-67.1	83.	0.0000	0.0039	0.353	137.0	15.1
13705.	123.0	-66.0	106.9	106.9	-67.1	83.	0.0000	0.0039	0.353	135.0	14.9
13745.	121.9	-66.0	107.8	107.8	-67.1	83.	0.0000	0.0039	0.353	133.0	14.7
13785.	120.8	-66.0	108.7	108.7	-67.1	83.	0.0000	0.0039	0.353	131.0	14.5
13825.	119.7	-66.0	109.6	109.6	-67.1	83.	0.0000	0.0039	0.353	129.0	14.3
13865.	118.6	-66.0	110.5	110.5	-67.1	83.	0.0000	0.0039	0.353	127.0	14.1
13905.	117.5	-66.0	111.4	111.4	-67.1	83.	0.0000	0.0039	0.353	125.0	13.9
13945.	116.4	-66.0	112.3	112.3	-67.1	83.	0.0000	0.0039	0.353	123.0	13.7
13985.	115.3	-66.0	113.2	113.2	-67.1	83.	0.0000	0.0039	0.353	121.0	13.5
14025.	114.2	-66.0	114.1	114.1	-67.1	83.	0.0000	0.0039	0.353	119.0	13.3
14065.	113.1	-66.0	115.0	115.0	-67.1	83.	0.0000	0.0039	0.353	117.0	13.1
14105.	112.0	-66.0	115.9	115.9	-67.1	83.	0.0000	0.0039	0.353	115.0	12.9
14145.	110.9	-66.0	116.8	116.8	-67.1	83.	0.0000	0.0039	0.353	113.0	12.7
14185.	109.8	-66.0	117.7	117.7	-67.1	83.	0.0000	0.0039	0.353	111.0	12.5
14225.	108.7	-66.0	118.6	118.6	-67.1	83.	0.0000	0.0039	0.353	109.0	12.3
14265.	107.6	-66.0	119.5	119.5	-67.1	83.	0.0000	0.0039	0.353	107.0	12.1
14305.	106.5	-66.0	120.4	120.4	-67.1	83.	0.0000	0.0039	0.353	105.0	11.9
14345.	105.4	-66.0	121.3	121.3	-67.1	83.	0.0000	0.0039	0.353	103.0	11.7
14385.	104.3	-66.0	122.2	122.2	-67.1	83.	0.0000	0.0039	0.353	101.0	11.5
14425.	103.2	-66.0	123.1	123.1	-67.1	83.	0.0000	0.0039	0.353	99.0	11.3
14465.	102.1	-66.0	124.0	124.0	-67.1	83.	0.0000	0.0039	0.353	97.0	11.1
14505.	101.0	-66.0	124.9	124.9	-67.1	83.	0.0000	0.0039	0.353	95.0	10.9
14545.	99.9	-66.0	125.8	125.8	-67.1	83.	0.0000	0.0039	0.353	93.0	10.7
14585.	98.8	-66.0	126.7	126.7	-67.1	83.	0.0000	0.0039	0.353	91.0	10.5
14625.	97.7	-66.0	127.6	127.6	-67.1	83.	0.0000	0.0039	0.353	89.0	10.3
14665.	96.6	-66.0	128.5	128.5	-67.1	83.	0.0000	0.0039	0.353	87.0	10.1
14705.	95.5	-66.0	129.4	129.4	-67.1	83.	0.0000	0.0039	0.353	85.0	9.9
14745.	94.4	-66.0	130.3	130.3	-67.1	83.	0.0000	0.0039	0.353	83.0	9.7
14785.	93.3	-66.0	131.2	131.2	-67.1	83.	0.0000	0.0039	0.353	81.0	9.5
14825.	92.2	-66.0	132.1	132.1	-67.1	83.	0.0000	0.0039	0.353	79.0	9.3
14865.	91.1	-66.0	133.0	133.0	-67.1	83.	0.0000	0.0039	0.353	77.0	9.1
14905.	90.0	-66.0	133.9	133.9	-67.1	83.	0.0000	0.0039	0.353	75.0	8.9
14945.	88.9	-66.0	134.8	134.8	-67.1	83.	0.0000	0.0039	0.353	73.0	8.7
14985.	87.8	-66.0	135.7	135.7	-67.1	83.	0.0000	0.0039	0.353	71.0	8.5
15025.	86.7	-66.0	136.6	136.6	-67.1	83.	0.0000	0.0039	0.353	69.0	8.3
15065.	85.6	-66.0	137.5	137.5	-67.1	83.	0.0000	0.0039	0.353	67.0	8.1
15105.	84.5	-66.0	138.4	138.4	-67.1	83.	0.0000	0.0039	0.353	65.0	7.9
15145.	83.4	-66.0	139.3	139.3	-67.1	83.	0.0000	0.0039	0.353	63.0	7.7
15185.	82.3	-66.0	140.2	140.2	-67.1	83.	0.0000	0.0039	0.353	61.0	7.5
15225.	81.2	-66.0									

HEIGHT (N)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MM)	1E+3*RH0W (G/M+3)	RH0 (KG/M+3)	DPR (DEG)	SPEED (M/S)
918.	883.1	-4.5	4.4	4.4	-7.5	89.	4.497	2.7754	1.1526	245.0	11.5
974.	878.7	-5.0	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
1030.	874.3	-5.5	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
1086.	869.9	-6.0	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
1142.	865.5	-6.5	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
1198.	861.1	-7.0	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
1254.	856.7	-7.5	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
1310.	852.3	-8.0	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
1366.	847.9	-8.5	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
1422.	843.5	-9.0	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
1478.	839.1	-9.5	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
1534.	834.7	-10.0	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
1590.	830.3	-10.5	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
1646.	825.9	-11.0	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
1702.	821.5	-11.5	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
1758.	817.1	-12.0	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
1814.	812.7	-12.5	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
1870.	808.3	-13.0	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
1926.	803.9	-13.5	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
1982.	799.5	-14.0	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
2038.	795.1	-14.5	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
2094.	790.7	-15.0	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
2150.	786.3	-15.5	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
2206.	781.9	-16.0	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
2262.	777.5	-16.5	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
2318.	773.1	-17.0	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
2374.	768.7	-17.5	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
2430.	764.3	-18.0	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
2486.	759.9	-18.5	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
2542.	755.5	-19.0	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
2598.	751.1	-19.5	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
2654.	746.7	-20.0	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
2710.	742.3	-20.5	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
2766.	737.9	-21.0	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
2822.	733.5	-21.5	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
2878.	729.1	-22.0	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
2934.	724.7	-22.5	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
2990.	720.3	-23.0	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
3046.	715.9	-23.5	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
3102.	711.5	-24.0	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
3158.	707.1	-24.5	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
3214.	702.7	-25.0	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
3270.	698.3	-25.5	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
3326.	693.9	-26.0	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
3382.	689.5	-26.5	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
3438.	685.1	-27.0	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
3494.	680.7	-27.5	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
3550.	676.3	-28.0	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
3606.	671.9	-28.5	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
3662.	667.5	-29.0	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
3718.	663.1	-29.5	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
3774.	658.7	-30.0	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
3830.	654.3	-30.5	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
3886.	649.9	-31.0	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
3942.	645.5	-31.5	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
3998.	641.1	-32.0	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
4054.	636.7	-32.5	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
4110.	632.3	-33.0	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
4166.	627.9	-33.5	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
4222.	623.5	-34.0	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
4278.	619.1	-34.5	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
4334.	614.7	-35.0	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
4390.	610.3	-35.5	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
4446.	605.9	-36.0	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
4502.	601.5	-36.5	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
4558.	597.1	-37.0	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
4614.	592.7	-37.5	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
4670.	588.3	-38.0	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
4726.	583.9	-38.5	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
4782.	579.5	-39.0	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
4838.	575.1	-39.5	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
4894.	570.7	-40.0	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
4950.	566.3	-40.5	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
5006.	561.9	-41.0	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
5062.	557.5	-41.5	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
5118.	553.1	-42.0	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
5174.	548.7	-42.5	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
5230.	544.3	-43.0	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
5286.	539.9	-43.5	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
5342.	535.5	-44.0	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
5398.	531.1	-44.5	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
5454.	526.7	-45.0	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
5510.	522.3	-45.5	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
5566.	517.9	-46.0	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
5622.	513.5	-46.5	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
5678.	509.1	-47.0	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
5734.	504.7	-47.5	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
5790.	500.3	-48.0	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
5846.	495.9	-48.5	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
5902.	491.5	-49.0	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
5958.	487.1	-49.5	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
6014.	482.7	-50.0	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
6070.	478.3	-50.5	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
6126.	473.9	-51.0	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
6182.	469.5	-51.5	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
6238.	465.1	-52.0	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
6294.	460.7	-52.5	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
6350.	456.3	-53.0	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
6406.	451.9	-53.5	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
6462.	447.5	-54.0	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
6518.	443.1	-54.5	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
6574.	438.7	-55.0	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
6630.	434.3	-55.5	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
6686.	429.9	-56.0	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
6742.	425.5	-56.5	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
6798.	421.1	-57.0	4.4	4.4	-7.7	89.	4.494	2.7754	1.1526	245.0	11.5
6854.	416.7	-57.5									

HEIGHT (M)	PRES (MP)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MM)	1E+3+RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
6998.	383.8	-45.8	25.7	25.7	-46.8	89.	0.0585	0.0560	0.5881	247.0	15.9
7050.	380.8	-46.3	25.7	25.7	-47.3	89.	0.0551	0.0528	0.5848	248.0	15.7
7104.	377.7	-46.7	25.9	25.9	-47.7	89.	0.0525	0.0504	0.5811	248.0	15.6
7153.	374.9	-47.2	25.9	25.9	-48.2	89.	0.0494	0.0476	0.5781	249.0	15.4
7201.	372.2	-47.6	26.0	26.0	-48.6	89.	0.0471	0.0454	0.5749	250.0	15.3
7247.	369.6	-48.1	26.0	26.0	-49.1	89.	0.0443	0.0429	0.5722	250.0	15.1
7293.	367.0	-48.5	26.0	26.0	-49.5	89.	0.0422	0.0409	0.5691	250.0	14.9
7351.	363.8	-48.8	26.3	26.3	-49.7	89.	0.0407	0.0395	0.5649	250.0	14.7
7401.	361.0	-49.2	26.4	26.5	-50.1	89.	0.0388	0.0377	0.5616	251.0	14.7
7449.	358.4	-49.6	26.5	26.5	-50.5	89.	0.0369	0.0359	0.5585	251.0	14.7
7493.	356.0	-50.0	26.6	26.6	-50.9	89.	0.0351	0.0343	0.5558	251.0	14.6
7540.	353.4	-50.3	26.8	26.8	-51.2	69.	0.0338	0.0330	0.5525	252.0	14.5
7588.	350.8	-50.6	27.0	27.0	-51.5	89.	0.0326	0.0319	0.5491	252.0	14.5
7635.	348.3	-51.0	27.1	27.1	-51.9	69.	0.0310	0.0304	0.5462	252.0	14.4
7678.	346.0	-51.5	27.0	27.0	-52.4	89.	0.0291	0.0286	0.5438	251.0	14.3
7725.	343.5	-51.9	27.1	27.1	-52.8	89.	0.0274	0.0273	0.5409	251.0	14.4
7768.	341.2	-52.3	27.1	27.1	-53.2	89.	0.0254	0.0250	0.5382	251.0	14.4
7812.	338.9	-52.6	27.3	27.3	-53.5	89.	0.0234	0.0231	0.5353	251.0	14.3
7856.	336.6	-52.9	27.4	27.4	-53.8	89.	0.0214	0.0211	0.5323	250.0	14.3
7902.	334.2	-53.2	27.6	27.6	-54.1	89.	0.0194	0.0193	0.5293	250.0	14.3
7948.	331.8	-53.7	27.6	27.6	-54.6	89.	0.0171	0.0171	0.5267	250.0	14.3
7995.	329.4	-54.1	27.7	27.7	-55.0	89.	0.0154	0.0154	0.5239	250.0	14.4
8047.	326.7	-54.4	28.0	28.0	-55.3	89.	0.0134	0.0134	0.5203	251.0	14.5
8102.	323.9	-54.7	28.3	28.3	-55.6	89.	0.0114	0.0114	0.5165	251.0	14.5
8152.	321.4	-55.1	28.4	28.4	-56.0	89.	0.0094	0.0094	0.5135	251.0	14.6
8199.	319.0	-55.4	28.6	28.6	-56.3	89.	0.0077	0.0077	0.5104	252.0	14.5
8248.	316.6	-55.7	28.9	28.9	-56.6	89.	0.0060	0.0060	0.5072	252.0	14.6
8294.	314.3	-56.1	28.9	28.9	-57.0	89.	0.0042	0.0042	0.5045	253.0	14.7
8338.	312.1	-56.5	29.2	29.2	-57.4	89.	0.0024	0.0024	0.5019	253.0	14.8
8385.	309.8	-56.8	29.3	29.3	-57.7	89.	0.0006	0.0006	0.4996	253.0	14.8
8426.	307.8	-57.1	29.3	29.3	-58.0	89.	0.0000	0.0000	0.4978	254.0	14.8
8473.	305.5	-57.4	29.6	29.6	-58.3	89.	0.0000	0.0000	0.4953	254.0	14.8
8521.	303.2	-57.7	29.8	29.8	-58.6	89.	0.0000	0.0000	0.4930	254.0	14.8
8571.	300.8	-58.0	30.1	30.1	-58.9	89.	0.0000	0.0000	0.4907	254.0	14.8
8617.	298.6	-58.3	30.3	30.3	-59.2	89.	0.0000	0.0000	0.4884	255.0	14.8
8664.	296.4	-58.7	30.4	30.4	-59.6	89.	0.0000	0.0000	0.4861	255.0	14.8
8712.	294.2	-59.0	30.6	30.6	-59.9	89.	0.0000	0.0000	0.4838	255.0	14.8
8759.	291.9	-59.3	30.8	30.8	-60.2	89.	0.0000	0.0000	0.4815	255.0	14.8
8809.	289.6	-59.5	31.2	31.2	-60.4	89.	0.0000	0.0000	0.4792	255.0	14.8
8856.	287.4	-59.8	31.5	31.5	-60.7	89.	0.0000	0.0000	0.4769	255.0	14.8
8904.	285.2	-60.1	31.7	31.7	-61.0	89.	0.0000	0.0000	0.4746	255.0	14.8
8955.	282.9	-60.3	32.1	32.1	-61.2	89.	0.0000	0.0000	0.4723	255.0	14.8
9003.	280.7	-60.4	32.7	32.7	-61.3	89.	0.0000	0.0000	0.4700	255.0	14.8
9052.	278.5	-60.6	33.1	33.1	-61.5	89.	0.0000	0.0000	0.4677	255.0	14.8
9104.	276.2	-60.8	33.5	33.5	-61.7	89.	0.0000	0.0000	0.4654	255.0	14.8
9153.	274.0	-61.0	33.9	33.9	-61.8	89.	0.0000	0.0000	0.4631	255.0	14.8
9203.	271.8	-61.3	34.2	34.2	-62.1	89.	0.0000	0.0000	0.4608	255.0	14.8
9251.	269.7	-61.7	34.3	34.3	-62.5	89.	0.0000	0.0000	0.4585	255.0	14.8
9300.	267.6	-62.1	34.5	34.5	-62.8	89.	0.0000	0.0000	0.4562	255.0	14.8
9348.	265.5	-62.5	34.9	34.9	-63.0	89.	0.0000	0.0000	0.4539	255.0	14.8
9397.	263.4	-62.9	35.5	35.5	-63.1	89.	0.0000	0.0000	0.4516	255.0	14.8
9446.	261.3	-63.2	35.9	35.9	-63.3	89.	0.0000	0.0000	0.4493	255.0	14.8
9494.	259.3	-63.6	36.1	36.1	-63.6	89.	0.0000	0.0000	0.4470	255.0	14.8
9543.	257.4	-63.9	36.2	36.2	-63.9	89.	0.0000	0.0000	0.4447	255.0	14.8
9592.	255.5	-64.3	36.7	36.7	-64.1	89.	0.0000	0.0000	0.4424	255.0	14.8
9640.	253.6	-64.7	37.2	37.2	-64.4	89.	0.0000	0.0000	0.4401	255.0	14.8
9688.	251.9	-65.1	37.6	37.6	-64.7	89.	0.0000	0.0000	0.4378	255.0	14.8
9736.	249.6	-65.5	38.2	38.2	-64.9	89.	0.0000	0.0000	0.4355	255.0	14.8
9784.	247.8	-65.9	38.8	38.8	-65.1	89.	0.0000	0.0000	0.4332	255.0	14.8
9832.	245.8	-66.3	39.3	39.3	-65.4	89.	0.0000	0.0000	0.4309	255.0	14.8
9880.	244.0	-66.7	39.9	39.9	-65.7	89.	0.0000	0.0000	0.4286	255.0	14.8
9928.	242.2	-67.1	40.3	40.3	-65.9	89.	0.0000	0.0000	0.4263	255.0	14.8
9977.	240.4	-67.5	40.6	40.7	-66.1	89.	0.0000	0.0000	0.4240	255.0	14.8
10001.	238.7	-67.9	41.1	41.1	-66.5	89.	0.0000	0.0000	0.4217	255.0	14.8
10047.	236.9	-68.3	41.8	41.8	-66.8	89.	0.0000	0.0000	0.4194	255.0	14.8
10093.	235.1	-68.7	42.7	42.7	-67.1	89.	0.0000	0.0000	0.4171	255.0	14.8
10140.	233.3	-69.1	43.3	43.3	-67.5	89.	0.0000	0.0000	0.4148	255.0	14.8
10185.	231.6	-69.5	44.2	44.2	-67.8	89.	0.0000	0.0000	0.4125	255.0	14.8
10230.	229.9	-69.9	45.1	45.1	-68.2	89.	0.0000	0.0000	0.4102	255.0	14.8
10275.	228.2	-70.3	46.1	46.1	-68.6	89.	0.0000	0.0000	0.4079	255.0	14.8
10321.	226.6	-70.7	47.0	47.0	-69.0	89.	0.0000	0.0000	0.4056	255.0	14.8
10370.	225.0	-71.1	47.9	47.9	-69.4	89.	0.0000	0.0000	0.4033	255.0	14.8
10418.	223.3	-71.5	48.8	48.8	-69.8	89.	0.0000	0.0000	0.4010	255.0	14.8
10465.	221.4	-71.9	49.7	49.7	-70.2	89.	0.0000	0.0000	0.3987	255.0	14.8
10515.	219.8	-72.3	50.6	50.6	-70.6	89.	0.0000	0.0000	0.3964	255.0	14.8
10549.	218.5	-72.7	51.5	51.5	-71.0	89.	0.0000	0.0000	0.3941	255.0	14.8
10597.	217.0	-73.1	52.4	52.4	-71.4	89.	0.0000	0.0000	0.3918	255.0	14.8
10642.	215.4	-73.5	53.3	53.3	-71.8	89.	0.0000	0.0000	0.3895	255.0	14.8
10685.	213.8	-73.9	54.2	54.2	-72.2	89.	0.0000	0.0000	0.3872	255.0	14.8
10728.	212.1	-74.3	55.1	55.1	-72.6	89.	0.0000	0.0000	0.3849	255.0	14.8
10771.	210.5	-74.7	56.0	56.0	-73.0	89.	0.0000	0.0000	0.3826	255.0	14.8
10815.	208.9	-75.1	56.9	56.9	-73.4	89.	0.0000	0.0000	0.3803	255.0	14.8
10858.	207.3	-75.5	57.8	57.8	-73.8	89.	0.0000	0.0000	0.3780	255.0	14.8
10902.	205.7	-75.9	58.7	58.7	-74.2	89.	0.0000	0.0000	0.3757	255.0	14.8
10947.	204.1	-76.3	59.6	59.6	-74.6	89.	0.0000	0.0000	0.3734	255.0	14.8
11000.	202.4	-76.7	60.5	60.5	-75.0	89.	0.0000	0.0000	0.3711	255.0	14.8
11057.	200.8	-77.1	61.4	61.4	-75.4	89.	0.0000	0.0000	0.3688	255.0	14.8
11106.	199.2	-77.5	62.3	62.3	-75.8	89.	0.0000	0.0000	0.3665	255.0	14.8
11144.	197.6	-77.9	63.2	63.2	-76.2	89.	0.0000	0.0000	0.3642	255.0	14.8
11199.	196.0	-78.3	64.1	64.1	-76.6	89.	0.0000	0.0000	0.3619	255.0	14.8
11246.	194.7	-78.7	65.0	65.0	-77.0	89.	0.0000	0.0000	0.3596	255.0	14.8
11298.	193.3	-79.1	65.9	65.9	-77.4	89.	0.0000	0.0000	0.3573	255.0	14.8
11355.	191.9	-79.5	66.8	66.8	-77.8	89.	0.0000	0.0000	0.3550	255.0	14.8
11379.	190.5	-79.9	67.7	67.7	-78.2	89.	0.0000	0.0000	0.3527	255.0	14.8
11431.	189.1	-80.3	68.6	68.6	-78.6	89.	0.0000	0.0000	0.3504	255.0	14.8
11476.	187.7	-80.7	69.5	69.5	-79.0	89.	0.0000	0.0000	0.3481	255.0	14.8
11523.	186.1	-81.1	70.4	70.4	-79.4	89.	0.0000	0.0000	0.3458	255.0	14.8
11569.	184.7	-81.5	71.3	71.3	-79.8	89.	0.0000	0.0000	0.3435	255.0	14.8
11615.	183.3	-81.9	72.2	72.2	-80.2	89.	0.0000	0.0000	0.3412	255.0	14.8
11662.	181.9	-82.3	73.1	73.1	-80.6	89.	0.0000	0.0000	0.3389	255.0	14.8
11703.	180.5	-82.7	74.0	74.0	-81.0	89.	0.0000	0.0000	0.3366	255.0	14.8
11752.	179.2	-83.1	74.9	74.9	-81.4	89.	0.0000	0.0000	0.3343	255.0	14.8
11801.	177.8	-83.5									

HEIGHT (M)	PRES (MM)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	D1R (DEG)	SPEED (M/S)
12140.	168.2	-63.8	75.2	75.2	-64.6	89.	0.0057	0.0059	0.2799	263.0	31.3
12186.	166.9	-63.8	76.0	76.0	-64.6	89.	0.0057	0.0059	0.2777	263.0	31.5
12236.	165.6	-63.9	76.6	76.6	-64.7	89.	0.0056	0.0058	0.2757	263.0	31.7
12280.	164.4	-63.9	77.3	77.3	-64.7	89.	0.0056	0.0058	0.2737	263.0	31.8
12325.	163.2	-63.9	78.0	78.0	-64.7	89.	0.0056	0.0058	0.2717	264.0	32.0
12374.	161.9	-63.8	79.0	79.0	-64.6	89.	0.0057	0.0059	0.2694	264.0	32.0
12423.	160.6	-63.6	80.1	80.2	-64.4	89.	0.0059	0.0061	0.2670	264.0	32.1
12477.	159.2	-63.6	81.0	81.0	-64.4	89.	0.0059	0.0061	0.2647	264.0	32.2
12527.	157.9	-63.6	81.9	81.9	-64.4	89.	0.0059	0.0061	0.2625	265.0	32.3
12582.	156.5	-63.6	82.8	82.8	-64.4	89.	0.0059	0.0061	0.2602	266.0	32.3
12635.	155.4	-63.6	83.5	83.5	-64.4	89.	0.0059	0.0061	0.2583	266.0	32.3
12672.	154.2	-63.4	84.6	84.6	-64.2	89.	0.0060	0.0063	0.2561	267.0	32.4
12724.	152.9	-63.2	85.8	85.8	-64.0	89.	0.0062	0.0064	0.2537	267.0	32.5
12777.	151.6	-63.0	87.0	87.1	-63.6	89.	0.0064	0.0066	0.2513	268.0	32.6
12825.	150.4	-63.3	87.3	87.4	-64.1	89.	0.0061	0.0063	0.2497	269.0	32.7
12875.	149.2	-61.7	87.5	87.5	-64.5	89.	0.0058	0.0060	0.2482	269.0	32.8
12924.	148.0	-64.0	87.8	87.8	-64.8	89.	0.0055	0.0058	0.2465	270.0	32.8
12974.	146.8	-64.3	88.1	88.1	-65.1	89.	0.0053	0.0055	0.2449	270.0	33.0
13020.	145.7	-64.4	88.7	88.7	-65.2	89.	0.0052	0.0055	0.2431	270.0	33.0
13066.	144.5	-64.4	89.0	89.0	-65.2	89.	0.0052	0.0055	0.2413	270.0	33.0
13112.	143.3	-64.3	89.5	89.5	-65.1	89.	0.0053	0.0055	0.2394	271.0	33.0
13159.	142.1	-64.3	90.1	90.1	-65.1	89.	0.0053	0.0055	0.2375	271.0	33.1
13207.	141.3	-64.5	91.7	91.7	-65.3	89.	0.0052	0.0054	0.2359	272.0	33.1
13254.	140.2	-64.3	92.9	92.9	-65.1	89.	0.0053	0.0055	0.2339	272.0	33.1
13298.	139.2	-64.1	94.0	94.0	-64.9	89.	0.0055	0.0057	0.2320	273.0	33.0
13338.	138.3	-64.0	94.9	94.9	-64.8	89.	0.0055	0.0058	0.2304	273.0	33.0
13391.	137.1	-64.1	95.6	95.6	-64.9	89.	0.0055	0.0057	0.2285	273.0	33.0
13445.	135.9	-64.1	96.5	96.5	-64.9	89.	0.0055	0.0057	0.2265	273.0	32.9
13494.	134.6	-64.1	97.4	97.4	-64.9	89.	0.0055	0.0057	0.2246	273.0	32.9
13546.	133.8	-64.3	97.8	97.8	-65.1	89.	0.0053	0.0055	0.2232	274.0	32.8
13590.	132.7	-64.4	98.5	98.5	-65.2	89.	0.0052	0.0055	0.2215	274.0	32.8
13637.	131.7	-64.4	99.3	99.3	-65.2	89.	0.0052	0.0055	0.2198	274.0	32.8
13683.	130.7	-64.3	100.3	100.3	-65.1	89.	0.0053	0.0055	0.2180	274.0	32.8
13730.	129.7	-64.1	101.5	101.5	-64.9	89.	0.0055	0.0057	0.2163	274.0	32.9
13777.	128.7	-63.9	102.7	102.7	-64.7	89.	0.0056	0.0058	0.2143	274.0	32.8
13822.	127.6	-63.4	103.6	103.6	-64.7	89.	0.0056	0.0058	0.2124	274.0	32.8
13876.	126.6	-63.4	105.4	105.4	-64.2	89.	0.0060	0.0063	0.2103	274.0	32.8
13927.	125.6	-63.5	106.0	106.0	-64.3	89.	0.0059	0.0062	0.2087	274.0	32.9
13980.	124.5	-63.7	106.6	106.6	-64.5	89.	0.0056	0.0060	0.2071	274.0	32.9
14035.	123.4	-63.9	107.2	107.2	-64.7	89.	0.0056	0.0058	0.2054	274.0	33.1
14085.	122.4	-64.0	107.9	107.9	-64.8	89.	0.0055	0.0058	0.2039	275.0	33.2
14135.	121.4	-64.0	108.6	108.6	-64.8	89.	0.0055	0.0058	0.2022	274.0	33.1
14180.	120.5	-64.0	109.6	109.6	-64.8	89.	0.0055	0.0058	0.2007	274.0	33.1
14231.	119.5	-64.0	110.5	110.5	-64.8	89.	0.0055	0.0058	0.1990	274.0	33.1
14277.	118.6	-64.0	111.4	111.4	-64.8	89.	0.0055	0.0058	0.1975	274.0	33.1
14329.	117.6	-64.1	112.1	112.1	-64.9	89.	0.0055	0.0057	0.1960	274.0	34.1
14381.	116.6	-64.1	113.1	113.1	-64.9	89.	0.0055	0.0057	0.1943	273.0	34.1
14434.	115.6	-63.7	114.2	114.2	-64.8	89.	0.0056	0.0058	0.1925	273.0	34.6
14485.	114.7	-63.9	115.2	115.2	-64.7	89.	0.0056	0.0058	0.1910	273.0	34.6
14535.	113.7	-63.9	116.2	116.2	-64.7	89.	0.0056	0.0058	0.1893	273.0	34.6
14584.	112.8	-63.9	117.1	117.1	-64.7	89.	0.0056	0.0058	0.1878	273.0	34.7
14633.	111.9	-63.9	118.2	118.2	-64.6	89.	0.0057	0.0059	0.1862	272.0	34.7
14682.	111.0	-63.9	119.3	119.3	-64.4	89.	0.0059	0.0061	0.1845	272.0	34.7
14727.	110.2	-63.6	120.3	120.3	-64.4	89.	0.0059	0.0061	0.1832	272.0	34.6
14773.	109.2	-63.7	121.1	121.1	-64.5	89.	0.0058	0.0060	0.1816	272.0	34.6
14819.	108.3	-63.9	121.7	121.7	-64.5	89.	0.0058	0.0060	0.1803	271.0	34.6
14864.	107.4	-64.1	122.2	122.2	-64.9	89.	0.0056	0.0059	0.1790	271.0	34.6
14909.	106.5	-64.2	123.2	123.2	-64.9	89.	0.0056	0.0059	0.1776	271.0	34.7
14954.	105.6	-64.3	124.3	124.3	-64.9	89.	0.0056	0.0059	0.1761	271.0	34.7
15000.	104.7	-64.3	125.3	125.3	-64.9	89.	0.0056	0.0059	0.1748	271.0	34.7
15044.	103.7	-64.3	126.3	126.3	-64.9	89.	0.0056	0.0059	0.1735	271.0	34.6
15089.	102.8	-64.3	127.3	127.3	-64.9	89.	0.0056	0.0059	0.1717	271.0	34.6
15134.	101.8	-64.3	128.3	128.3	-64.9	89.	0.0056	0.0059	0.1705	271.0	34.6
15179.	100.9	-64.4	129.3	129.3	-64.9	89.	0.0056	0.0059	0.1691	271.0	34.7
15224.	100.0	-64.4	130.3	130.3	-64.9	89.	0.0056	0.0059	0.1676	271.0	34.8
15269.	99.1	-64.4	131.3	131.3	-64.9	89.	0.0056	0.0059	0.1661	272.0	34.8
15314.	98.2	-64.4	132.3	132.3	-64.9	89.	0.0056	0.0059	0.1645	272.0	34.8
15359.	97.3	-64.4	133.3	133.3	-64.9	89.	0.0056	0.0059	0.1630	272.0	34.8
15404.	96.4	-64.4	134.3	134.3	-64.9	89.	0.0056	0.0059	0.1613	272.0	34.8
15449.	95.5	-64.4	135.3	135.3	-64.9	89.	0.0056	0.0059	0.1597	272.0	34.8
15494.	94.6	-64.4	136.3	136.3	-64.9	89.	0.0056	0.0059	0.1584	272.0	34.8
15539.	93.7	-64.4	137.3	137.3	-64.9	89.	0.0056	0.0059	0.1571	272.0	34.8
15584.	92.8	-64.4	138.3	138.3	-64.9	89.	0.0056	0.0059	0.1558	273.0	34.8
15629.	91.9	-64.4	139.3	139.3	-64.9	89.	0.0056	0.0059	0.1545	273.0	34.8
15674.	91.0	-64.4	140.3	140.3	-64.9	89.	0.0056	0.0059	0.1533	273.0	34.8
15719.	90.1	-64.4	141.3	141.3	-64.9	89.	0.0056	0.0059	0.1520	273.0	34.8
15764.	89.2	-64.4	142.3	142.3	-64.9	89.	0.0056	0.0059	0.1508	273.0	34.8
15809.	88.3	-64.4	143.3	143.3	-64.9	89.	0.0056	0.0059	0.1498	273.0	34.8
15854.	87.4	-64.4	144.3	144.3	-64.9	89.	0.0056	0.0059	0.1488	273.0	34.8
15899.	86.5	-64.4	145.3	145.3	-64.9	89.	0.0056	0.0059	0.1473	273.0	34.8
15944.	85.6	-64.4	146.3	146.3	-64.9	89.	0.0056	0.0059	0.1463	273.0	34.8
15989.	84.7	-64.4	147.3	147.3	-64.9	89.	0.0056	0.0059	0.1447	273.0	34.8
16034.	83.8	-64.4	148.3	148.3	-64.9	89.	0.0056	0.0059	0.1435	273.0	34.8
16079.	82.9	-64.4	149.3	149.3	-64.9	89.	0.0056	0.0059	0.1424	273.0	34.8
16124.	82.0	-64.4	150.3	150.3	-64.9	89.	0.0056	0.0059	0.1411	273.0	34.8
16169.	81.1	-64.4	151.3	151.3	-64.9	89.	0.0056	0.0059	0.1397	274.0	34.8
16214.	80.2	-64.4	152.3	152.3	-64.9	89.	0.0056	0.0059	0.1385	274.0	34.8
16259.	79.3	-64.4	153.3	153.3	-64.9	89.	0.0056	0.0059	0.1372	274.0	34.8
16304.	78.4	-64.4	154.3	154.3	-64.9	89.	0.0056	0.0059	0.1360	274.0	34.8
16349.	77.5	-64.4	155.3	155.3	-64.9	89.	0.0056	0.0059	0.1348	274.0	34.8
16394.	76.6	-64.4	156.3	156.3	-64.9	89.	0.0056	0.0059	0.1336	274.0	34.8
16439.	75.7	-64.4	157.3	157.3	-64.9	89.	0.0056	0.0059	0.1324	274.0	34.8
16484.	74.8	-64.4	158.3	158.3	-64.9	89.	0.0056	0.0059	0.1313	274.0	34.8
16529.	73.9	-64.4	159.3	159.3	-64.9	89.	0.0056	0.0059	0.1302	274.0	34.8
16574.	73.0	-64.4	160.3	160.3	-64.9	89.	0.0056	0.0059	0.1291	274.0	34.8
16619.	72.1	-64.4	161.3	161.3	-64.9	89.	0.0056	0.0059	0.1280	274.0	34.8
16664.	71.2	-64.4	162.3	162.3	-64.9	89.	0.0056	0.0059	0.1270	274.0	34.8
16709.	70.3	-64.4	163.3	163.3	-64.9	89.	0.0056	0.0059	0.1260	274.0	34.8
16754.	69.4	-64.4	164.3	164.3	-64.9	89.	0.0056	0.0059	0.1250	274.0	34.8
16799.	68.5	-64.4	165.3	165.3	-64.9	89.	0.0056	0.0059	0.1240	274.0	34.8
16844.	67.6	-64.4	166.3	166.3	-64.9	89.	0.0056	0.0059	0.1230	274.0	

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHQW (G/M+3)	RHO (KG/M+3)	DIR (DEG)	SPEED (M/S)
17693.	58.3	-57.5	191.4	141.0	-58.4	89.	0.01134	0.01336	0.1103	274.0	41.6
17748.	57.7	-57.7	192.4	132.4	-58.5	89.	0.01134	0.01337	0.1093	274.0	42.6
17803.	57.1	-57.9	193.4	123.7	-58.6	89.	0.01134	0.01337	0.1083	274.0	43.6
17858.	56.6	-58.0	194.4	115.0	-58.7	89.	0.01134	0.01337	0.1073	275.0	44.6
17913.	56.0	-58.1	195.4	106.3	-58.8	89.	0.01134	0.01337	0.1063	275.0	45.6
17967.	55.4	-58.2	196.4	97.6	-58.9	89.	0.01134	0.01337	0.1053	275.0	46.6
18022.	54.9	-58.3	197.4	88.9	-59.0	89.	0.01134	0.01337	0.1043	275.0	47.6
18077.	54.3	-58.4	198.4	80.2	-59.1	89.	0.01134	0.01337	0.1033	275.0	48.6
18132.	53.8	-58.5	199.4	71.5	-59.2	89.	0.01134	0.01337	0.1023	275.0	49.6
18187.	53.2	-58.6	200.4	62.8	-59.3	89.	0.01134	0.01337	0.1013	275.0	50.6
18242.	52.6	-58.7	201.4	54.1	-59.4	89.	0.01134	0.01337	0.1003	275.0	51.6
18297.	52.0	-58.8	202.4	45.4	-59.5	89.	0.01134	0.01337	0.0993	275.0	52.6
18352.	51.4	-58.9	203.4	36.7	-59.6	89.	0.01134	0.01337	0.0983	275.0	53.6
18407.	50.8	-59.0	204.4	28.0	-59.7	89.	0.01134	0.01337	0.0973	275.0	54.6
18462.	50.2	-59.1	205.4	19.3	-59.8	89.	0.01134	0.01337	0.0963	275.0	55.6
18517.	49.6	-59.2	206.4	10.6	-59.9	89.	0.01134	0.01337	0.0953	275.0	56.6
18572.	49.0	-59.3	207.4	1.9	-60.0	89.	0.01134	0.01337	0.0943	275.0	57.6
18627.	48.4	-59.4	208.4	-7.8	-60.1	89.	0.01134	0.01337	0.0933	275.0	58.6
18682.	47.8	-59.5	209.4	-16.5	-60.2	89.	0.01134	0.01337	0.0923	275.0	59.6
18737.	47.2	-59.6	210.4	-25.2	-60.3	89.	0.01134	0.01337	0.0913	275.0	60.6
18792.	46.6	-59.7	211.4	-33.9	-60.4	89.	0.01134	0.01337	0.0903	275.0	61.6
18847.	46.0	-59.8	212.4	-42.6	-60.5	89.	0.01134	0.01337	0.0893	275.0	62.6
18902.	45.4	-59.9	213.4	-51.3	-60.6	89.	0.01134	0.01337	0.0883	275.0	63.6
18957.	44.8	-60.0	214.4	-60.0	-60.7	89.	0.01134	0.01337	0.0873	275.0	64.6
19012.	44.2	-60.1	215.4	-68.7	-60.8	89.	0.01134	0.01337	0.0863	275.0	65.6
19067.	43.6	-60.2	216.4	-77.4	-60.9	89.	0.01134	0.01337	0.0853	275.0	66.6
19122.	43.0	-60.3	217.4	-86.1	-61.0	89.	0.01134	0.01337	0.0843	275.0	67.6
19177.	42.4	-60.4	218.4	-94.8	-61.1	89.	0.01134	0.01337	0.0833	275.0	68.6
19232.	41.8	-60.5	219.4	-103.5	-61.2	89.	0.01134	0.01337	0.0823	275.0	69.6
19287.	41.2	-60.6	220.4	-112.2	-61.3	89.	0.01134	0.01337	0.0813	275.0	70.6
19342.	40.6	-60.7	221.4	-120.9	-61.4	89.	0.01134	0.01337	0.0803	275.0	71.6
19397.	40.0	-60.8	222.4	-129.6	-61.5	89.	0.01134	0.01337	0.0793	275.0	72.6
19452.	39.4	-60.9	223.4	-138.3	-61.6	89.	0.01134	0.01337	0.0783	275.0	73.6
19507.	38.8	-61.0	224.4	-147.0	-61.7	89.	0.01134	0.01337	0.0773	275.0	74.6
19562.	38.2	-61.1	225.4	-155.7	-61.8	89.	0.01134	0.01337	0.0763	275.0	75.6
19617.	37.6	-61.2	226.4	-164.4	-61.9	89.	0.01134	0.01337	0.0753	275.0	76.6
19672.	37.0	-61.3	227.4	-173.1	-62.0	89.	0.01134	0.01337	0.0743	275.0	77.6
19727.	36.4	-61.4	228.4	-181.8	-62.1	89.	0.01134	0.01337	0.0733	275.0	78.6
19782.	35.8	-61.5	229.4	-190.5	-62.2	89.	0.01134	0.01337	0.0723	275.0	79.6
19837.	35.2	-61.6	230.4	-199.2	-62.3	89.	0.01134	0.01337	0.0713	275.0	80.6
19892.	34.6	-61.7	231.4	-207.9	-62.4	89.	0.01134	0.01337	0.0703	275.0	81.6
19947.	34.0	-61.8	232.4	-216.6	-62.5	89.	0.01134	0.01337	0.0693	275.0	82.6
20002.	33.4	-61.9	233.4	-225.3	-62.6	89.	0.01134	0.01337	0.0683	275.0	83.6
20057.	32.8	-62.0	234.4	-234.0	-62.7	89.	0.01134	0.01337	0.0673	275.0	84.6
20112.	32.2	-62.1	235.4	-242.7	-62.8	89.	0.01134	0.01337	0.0663	275.0	85.6
20167.	31.6	-62.2	236.4	-251.4	-62.9	89.	0.01134	0.01337	0.0653	275.0	86.6
20222.	31.0	-62.3	237.4	-260.1	-63.0	89.	0.01134	0.01337	0.0643	275.0	87.6
20277.	30.4	-62.4	238.4	-268.8	-63.1	89.	0.01134	0.01337	0.0633	275.0	88.6
20332.	29.8	-62.5	239.4	-277.5	-63.2	89.	0.01134	0.01337	0.0623	275.0	89.6
20387.	29.2	-62.6	240.4	-286.2	-63.3	89.	0.01134	0.01337	0.0613	275.0	90.6
20442.	28.6	-62.7	241.4	-294.9	-63.4	89.	0.01134	0.01337	0.0603	275.0	91.6
20497.	28.0	-62.8	242.4	-303.6	-63.5	89.	0.01134	0.01337	0.0593	275.0	92.6
20552.	27.4	-62.9	243.4	-312.3	-63.6	89.	0.01134	0.01337	0.0583	275.0	93.6
20607.	26.8	-63.0	244.4	-321.0	-63.7	89.	0.01134	0.01337	0.0573	275.0	94.6
20662.	26.2	-63.1	245.4	-329.7	-63.8	89.	0.01134	0.01337	0.0563	275.0	95.6
20717.	25.6	-63.2	246.4	-338.4	-63.9	89.	0.01134	0.01337	0.0553	275.0	96.6
20772.	25.0	-63.3	247.4	-347.1	-64.0	89.	0.01134	0.01337	0.0543	275.0	97.6
20827.	24.4	-63.4	248.4	-355.8	-64.1	89.	0.01134	0.01337	0.0533	275.0	98.6
20882.	23.8	-63.5	249.4	-364.5	-64.2	89.	0.01134	0.01337	0.0523	275.0	99.6
20937.	23.2	-63.6	250.4	-373.2	-64.3	89.	0.01134	0.01337	0.0513	275.0	100.6
20992.	22.6	-63.7	251.4	-381.9	-64.4	89.	0.01134	0.01337	0.0503	275.0	101.6
21047.	22.0	-63.8	252.4	-390.6	-64.5	89.	0.01134	0.01337	0.0493	275.0	102.6
21102.	21.4	-63.9	253.4	-399.3	-64.6	89.	0.01134	0.01337	0.0483	275.0	103.6
21157.	20.8	-64.0	254.4	-408.0	-64.7	89.	0.01134	0.01337	0.0473	275.0	104.6
21212.	20.2	-64.1	255.4	-416.7	-64.8	89.	0.01134	0.01337	0.0463	275.0	105.6
21267.	19.6	-64.2	256.4	-425.4	-64.9	89.	0.01134	0.01337	0.0453	275.0	106.6
21322.	19.0	-64.3	257.4	-434.1	-65.0	89.	0.01134	0.01337	0.0443	275.0	107.6
21377.	18.4	-64.4	258.4	-442.8	-65.1	89.	0.01134	0.01337	0.0433	275.0	108.6
21432.	17.8	-64.5	259.4	-451.5	-65.2	89.	0.01134	0.01337	0.0423	275.0	109.6
21487.	17.2	-64.6	260.4	-460.2	-65.3	89.	0.01134	0.01337	0.0413	275.0	110.6
21542.	16.6	-64.7	261.4	-468.9	-65.4	89.	0.01134	0.01337	0.0403	275.0	111.6
21597.	16.0	-64.8	262.4	-477.6	-65.5	89.	0.01134	0.01337	0.0393	275.0	112.6
21652.	15.4	-64.9	263.4	-486.3	-65.6	89.	0.01134	0.01337	0.0383	275.0	113.6
21707.	14.8	-65.0	264.4	-495.0	-65.7	89.	0.01134	0.01337	0.0373	275.0	114.6
21762.	14.2	-65.1	265.4	-503.7	-65.8	89.	0.01134	0.01337	0.0363	275.0	115.6
21817.	13.6	-65.2	266.4	-512.4	-65.9	89.	0.01134	0.01337	0.0353	275.0	116.6
21872.	13.0	-65.3	267.4	-521.1	-66.0	89.	0.01134	0.01337	0.0343	275.0	117.6
21927.	12.4	-65.4	268.4	-529.8	-66.1	89.	0.01134	0.01337	0.0333	275.0	118.6
21982.	11.8	-65.5	269.4	-538.5	-66.2	89.	0.01134	0.01337	0.0323	275.0	119.6
22037.	11.2	-65.6	270.4	-547.2	-66.3	89.	0.01134	0.01337	0.0313	275.0	120.6
22092.	10.6	-65.7	271.4	-555.9	-66.4	89.	0.01134	0.01337	0.0303	275.0	121.6
22147.	10.0	-65.8	272.4	-564.6	-66.5	89.	0.01134	0.01337	0.0293	275.0	122.6
22202.	9.4	-65.9	273.4	-573.3	-66.6	89.	0.01134	0.01337	0.0283	275.0	123.6
22257.	8.8	-66.0	274.4	-582.0	-66.7	89.	0.01134	0.01337	0.0273	275.0	124.6
22312.	8.2	-66.1	275.4	-590.7	-66.8	89.	0.01134	0.01337	0.0263	275.0	125.6
22367.	7.6	-66.2	276.4	-599.4	-66.9	89.	0.01134	0.01337	0.0253	275.0	126.6
22422.	7.0	-66.3	277.4	-608.1	-67.0	89.	0.01134	0.01337	0.0243	275.0	127.6
22477.	6.4	-66.4	278.4	-616.8	-67.1	89.	0.01134	0.01337	0.0233	275.0	128.6
22532.	5.8	-66.5	279.4	-625.5	-67.2	89.	0.01134	0.01337	0.0223	275.0	129.6
22587.	5.2	-66.6	280.4	-634.2	-67.3	89.	0.01134	0.01337	0.0213	275.0	130.6
22642.	4.6	-66.7	281.4	-642.9	-67.4	89.	0.01134	0.01337	0.0203	275.0	131.6
22697.	4.0	-66.8	282.4	-651.6	-67.5	89.	0.01134	0.01337	0.0193	275.0	132.6
22752.	3.4	-66.9	283.4	-660.3	-67.6	89.	0.01134	0.01337	0.0183	275.0	133.6
22807.	2.8	-67.0	284.4	-669.0	-67.7	89.	0.01134	0.01337	0.0173	275.0	134.6
22862.	2.2	-67.1	285.4	-677.7	-67.8	89.	0.01134	0.01337	0.0163	275.0	135.6
22917.	1.6	-67.2	286.4	-686.4	-67.9	89.	0.01134	0.01337	0.0153	275.0	136.6
22972.	1.0	-67.3	287.4	-695.1	-68.0	89.	0.01134	0.01337	0.0143	275.0	137.6
23027.	0.4	-67.4	288.4	-703.8	-68.1	89.	0.01134	0.01337	0.0133	275.0	138.6
23082.	-0.2	-67.5	289.4	-712.5	-68.2	89.	0.01134	0.01337	0.0123	275.0	139.6
23137.	-0.8	-67.6	290.								

SOUNDING NO. 1
 LATITUDE -85.4 LONGITUDE 0.0
 DATE 11-8-81 TIME 2347 GMT
 NUMBER OF LEVELS 379

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	REL POINT (C)	REL HUM (%)	E (MB)	1E+3 RHOW (G/M+3)	RHO (KG/M+3)	DPR (DEC)	SPFED (M/S)
3.	999.7	-1.3	-1.3	-1.3	-3.1	RR.	4.7314	3.7967	1.2350	375.0	7.0
54.	999.1	-1.3	-1.3	-1.3	-3.4	RR.	4.6143	3.7068	1.2776	370.0	6.6
104.	998.1	-1.3	-1.3	-1.3	-3.7	RR.	4.4998	3.6183	1.2702	365.0	7.2
154.	977.4	-2.7	-2.7	-2.7	-4.0	RR.	4.3841	3.5327	1.2629	298.0	7.7
204.	971.8	-2.7	-2.7	-2.7	-4.2	RR.	4.3148	3.4764	1.2552	291.0	8.3
254.	965.6	-2.7	-2.7	-2.7	-4.4	RR.	4.2427	3.4208	1.2481	286.0	8.7
304.	959.6	-2.7	-2.7	-2.7	-4.7	RR.	4.1867	3.3793	1.2417	282.0	9.0
354.	953.3	-2.7	-2.7	-2.7	-5.0	RR.	4.1355	3.3393	1.2357	279.0	9.3
404.	947.3	-2.7	-2.7	-2.7	-5.1	RR.	4.0874	3.2992	1.2297	274.0	9.4
454.	941.3	-2.7	-2.7	-2.7	-5.1	RR.	4.0434	3.2605	1.2235	274.0	9.4
504.	935.1	-2.7	-2.7	-2.7	-5.5	RR.	3.9950	3.2234	1.2177	272.0	9.6
554.	929.1	-2.7	-2.7	-2.7	-5.6	RR.	3.9506	3.1881	1.2120	271.0	9.6
604.	923.4	-2.7	-2.7	-2.7	-5.6	RR.	3.9061	3.1541	1.2063	270.0	9.5
654.	917.7	-2.7	-2.7	-2.7	-5.6	RR.	3.8615	3.1206	1.2006	270.0	9.4
704.	911.1	-2.7	-2.7	-2.7	-5.6	RR.	3.8167	3.0874	1.1949	270.0	9.3
754.	904.2	-2.7	-2.7	-2.7	-5.7	RR.	3.7714	3.0544	1.1892	270.0	9.2
804.	897.8	-2.7	-2.7	-2.7	-5.7	RR.	3.7261	3.0214	1.1835	270.0	9.1
854.	891.7	-2.7	-2.7	-2.7	-5.7	RR.	3.6808	2.9884	1.1778	270.0	9.0
904.	885.7	-2.7	-2.7	-2.7	-5.7	RR.	3.6355	2.9554	1.1721	270.0	8.9
954.	879.4	-2.7	-2.7	-2.7	-5.7	RR.	3.5902	2.9224	1.1664	270.0	8.8
1004.	873.2	-2.7	-2.7	-2.7	-5.7	RR.	3.5449	2.8894	1.1607	270.0	8.7
1054.	867.1	-2.7	-2.7	-2.7	-5.7	RR.	3.4996	2.8564	1.1550	270.0	8.6
1104.	861.0	-2.7	-2.7	-2.7	-5.7	RR.	3.4543	2.8234	1.1493	270.0	8.5
1154.	854.9	-2.7	-2.7	-2.7	-5.7	RR.	3.4090	2.7904	1.1436	270.0	8.4
1204.	848.8	-2.7	-2.7	-2.7	-5.7	RR.	3.3637	2.7574	1.1379	270.0	8.3
1254.	842.7	-2.7	-2.7	-2.7	-5.7	RR.	3.3184	2.7244	1.1322	270.0	8.2
1304.	836.6	-2.7	-2.7	-2.7	-5.7	RR.	3.2731	2.6914	1.1265	270.0	8.1
1354.	830.5	-2.7	-2.7	-2.7	-5.7	RR.	3.2278	2.6584	1.1208	270.0	8.0
1404.	824.4	-2.7	-2.7	-2.7	-5.7	RR.	3.1825	2.6254	1.1151	270.0	7.9
1454.	818.3	-2.7	-2.7	-2.7	-5.7	RR.	3.1372	2.5924	1.1094	270.0	7.8
1504.	812.2	-2.7	-2.7	-2.7	-5.7	RR.	3.0919	2.5594	1.1037	270.0	7.7
1554.	806.1	-2.7	-2.7	-2.7	-5.7	RR.	3.0466	2.5264	1.0980	270.0	7.6
1604.	800.0	-2.7	-2.7	-2.7	-5.7	RR.	3.0013	2.4934	1.0923	270.0	7.5
1654.	793.9	-2.7	-2.7	-2.7	-5.7	RR.	2.9560	2.4604	1.0866	270.0	7.4
1704.	787.8	-2.7	-2.7	-2.7	-5.7	RR.	2.9107	2.4274	1.0809	270.0	7.3
1754.	781.7	-2.7	-2.7	-2.7	-5.7	RR.	2.8654	2.3944	1.0752	270.0	7.2
1804.	775.6	-2.7	-2.7	-2.7	-5.7	RR.	2.8201	2.3614	1.0695	270.0	7.1
1854.	769.5	-2.7	-2.7	-2.7	-5.7	RR.	2.7748	2.3284	1.0638	270.0	7.0
1904.	763.4	-2.7	-2.7	-2.7	-5.7	RR.	2.7295	2.2954	1.0581	270.0	6.9
1954.	757.3	-2.7	-2.7	-2.7	-5.7	RR.	2.6842	2.2624	1.0524	270.0	6.8
2004.	751.2	-2.7	-2.7	-2.7	-5.7	RR.	2.6389	2.2294	1.0467	270.0	6.7
2054.	745.1	-2.7	-2.7	-2.7	-5.7	RR.	2.5936	2.1964	1.0410	270.0	6.6
2104.	739.0	-2.7	-2.7	-2.7	-5.7	RR.	2.5483	2.1634	1.0353	270.0	6.5
2154.	732.9	-2.7	-2.7	-2.7	-5.7	RR.	2.5030	2.1304	1.0296	270.0	6.4
2204.	726.8	-2.7	-2.7	-2.7	-5.7	RR.	2.4577	2.0974	1.0239	270.0	6.3
2254.	720.7	-2.7	-2.7	-2.7	-5.7	RR.	2.4124	2.0644	1.0182	270.0	6.2
2304.	714.6	-2.7	-2.7	-2.7	-5.7	RR.	2.3671	2.0314	1.0125	270.0	6.1
2354.	708.5	-2.7	-2.7	-2.7	-5.7	RR.	2.3218	1.9984	1.0068	270.0	6.0
2404.	702.4	-2.7	-2.7	-2.7	-5.7	RR.	2.2765	1.9654	1.0011	270.0	5.9
2454.	696.3	-2.7	-2.7	-2.7	-5.7	RR.	2.2312	1.9324	0.9954	270.0	5.8
2504.	690.2	-2.7	-2.7	-2.7	-5.7	RR.	2.1859	1.8994	0.9897	270.0	5.7
2554.	684.1	-2.7	-2.7	-2.7	-5.7	RR.	2.1406	1.8664	0.9840	270.0	5.6
2604.	678.0	-2.7	-2.7	-2.7	-5.7	RR.	2.0953	1.8334	0.9783	270.0	5.5
2654.	671.9	-2.7	-2.7	-2.7	-5.7	RR.	2.0500	1.8004	0.9726	270.0	5.4
2704.	665.8	-2.7	-2.7	-2.7	-5.7	RR.	2.0047	1.7674	0.9669	270.0	5.3
2754.	659.7	-2.7	-2.7	-2.7	-5.7	RR.	1.9594	1.7344	0.9612	270.0	5.2
2804.	653.6	-2.7	-2.7	-2.7	-5.7	RR.	1.9141	1.7014	0.9555	270.0	5.1
2854.	647.5	-2.7	-2.7	-2.7	-5.7	RR.	1.8688	1.6684	0.9498	270.0	5.0
2904.	641.4	-2.7	-2.7	-2.7	-5.7	RR.	1.8235	1.6354	0.9441	270.0	4.9
2954.	635.3	-2.7	-2.7	-2.7	-5.7	RR.	1.7782	1.6024	0.9384	270.0	4.8
3004.	629.2	-2.7	-2.7	-2.7	-5.7	RR.	1.7329	1.5694	0.9327	270.0	4.7
3054.	623.1	-2.7	-2.7	-2.7	-5.7	RR.	1.6876	1.5364	0.9270	270.0	4.6
3104.	617.0	-2.7	-2.7	-2.7	-5.7	RR.	1.6423	1.5034	0.9213	270.0	4.5
3154.	610.9	-2.7	-2.7	-2.7	-5.7	RR.	1.5970	1.4704	0.9156	270.0	4.4
3204.	604.8	-2.7	-2.7	-2.7	-5.7	RR.	1.5517	1.4374	0.9099	270.0	4.3
3254.	598.7	-2.7	-2.7	-2.7	-5.7	RR.	1.5064	1.4044	0.9042	270.0	4.2
3304.	592.6	-2.7	-2.7	-2.7	-5.7	RR.	1.4611	1.3714	0.8985	270.0	4.1
3354.	586.5	-2.7	-2.7	-2.7	-5.7	RR.	1.4158	1.3384	0.8928	270.0	4.0
3404.	580.4	-2.7	-2.7	-2.7	-5.7	RR.	1.3705	1.3054	0.8871	270.0	3.9
3454.	574.3	-2.7	-2.7	-2.7	-5.7	RR.	1.3252	1.2724	0.8814	270.0	3.8
3504.	568.2	-2.7	-2.7	-2.7	-5.7	RR.	1.2799	1.2394	0.8757	270.0	3.7
3554.	562.1	-2.7	-2.7	-2.7	-5.7	RR.	1.2346	1.2064	0.8700	270.0	3.6
3604.	556.0	-2.7	-2.7	-2.7	-5.7	RR.	1.1893	1.1734	0.8643	270.0	3.5
3654.	549.9	-2.7	-2.7	-2.7	-5.7	RR.	1.1440	1.1404	0.8586	270.0	3.4
3704.	543.8	-2.7	-2.7	-2.7	-5.7	RR.	1.0987	1.1074	0.8529	270.0	3.3
3754.	537.7	-2.7	-2.7	-2.7	-5.7	RR.	1.0534	1.0744	0.8472	270.0	3.2
3804.	531.6	-2.7	-2.7	-2.7	-5.7	RR.	1.0081	1.0414	0.8415	270.0	3.1
3854.	525.5	-2.7	-2.7	-2.7	-5.7	RR.	0.9628	1.0084	0.8358	270.0	3.0
3904.	519.4	-2.7	-2.7	-2.7	-5.7	RR.	0.9175	0.9754	0.8301	270.0	2.9
3954.	513.3	-2.7	-2.7	-2.7	-5.7	RR.	0.8722	0.9424	0.8244	270.0	2.8
4004.	507.2	-2.7	-2.7	-2.7	-5.7	RR.	0.8269	0.9094	0.8187	270.0	2.7
4054.	501.1	-2.7	-2.7	-2.7	-5.7	RR.	0.7816	0.8764	0.8130	270.0	2.6
4104.	495.0	-2.7	-2.7	-2.7	-5.7	RR.	0.7363	0.8434	0.8073	270.0	2.5
4154.	488.9	-2.7	-2.7	-2.7	-5.7	RR.	0.6910	0.8104	0.8016	270.0	2.4
4204.	482.8	-2.7	-2.7	-2.7	-5.7	RR.	0.6457	0.7774	0.7959	270.0	2.3
4254.	476.7	-2.7	-2.7	-2.7	-5.7	RR.	0.6004	0.7444	0.7902	270.0	2.2
4304.	470.6	-2.7	-2.7	-2.7	-5.7	RR.	0.5551	0.7114	0.7845	270.0	2.1
4354.	464.5	-2.7	-2.7	-2.7	-5.7	RR.	0.5098	0.6784	0.7788	270.0	2.0
4404.	458.4	-2.7	-2.7	-2.7	-5.7	RR.	0.4645	0.6454	0.7731	270.0	1.9
4454.	452.3	-2.7	-2.7	-2.7	-5.7	RR.	0.4192	0.6124	0.7674	270.0	1.8
4504.	446.2	-2.7	-2.7	-2.7	-5.7	RR.	0.3739	0.5794	0.7617	270.0	1.7
4554.	440.1	-2.7	-2.7	-2.7	-5.7	RR.	0.3286	0.5464	0.7560	270.0	1.6
4604.	434.0	-2.7	-2.7	-2.7	-5.7	RR.	0.2833	0.5134	0.7503	270.0	1.5
4654.	427.9	-2.7	-2.7	-2.7	-5.7	RR.	0.2380	0.4804	0.7446	270.0	1.4
4704.	421.8	-2.7	-2.7	-2.7	-5.7	RR.	0.1927	0.4474	0.7389	270.0	1.3
4754.	415.7	-2.7	-2.7	-2.7	-5.7	RR.	0.1474	0.4144	0.7332	270.0	1.2
4804.	409.6	-2.7	-2.7	-2.7	-5.7	RR.	0.1021	0.3814	0.7275	270.0	1.1
4854.	403.5	-2.7	-2.7	-2.7	-5.7	RR.	0.0568	0.3484	0.7218	270.0	1.0
4904.	397.4	-2.7	-2.7	-2.7	-5.7	RR.	0.0115	0.3154	0.7161	270.0	0.9
4954.	391.3	-2.7	-2.7	-2.7	-5.7	RR.	0.0000	0.2824	0.7104	270.0	0.8
5004.	385.2	-2.7	-2.7	-2.7	-5.7	RR.	0.0000	0.2494	0.7047	270.0	0.7
5054.	379.1	-2.7	-2.7	-2.7	-5.7	RR.	0.0000	0.2164	0.6990	270.0	0.6
5104.	373.0	-2.7	-2.7	-2.7	-5.7	RR.	0.0000	0.1834	0.6933	270.0	0.5
5154.	366.9	-2.7	-2.7	-2.7	-5.7	RR.	0.0000	0.1504	0.6876	270.0	0.4
5204.	360.8	-2.7	-2.7	-2.7	-5.7	RR.	0.0000	0.1174	0.6819	270.0	0.3
5254.	354.7	-2.7	-2.7	-2.7	-5.7	RR.	0.0000	0.0844	0.6762	270.0	0.2
5304.	348.6	-2.7	-2.7	-2.7	-5.7	RR.	0.0000	0.0514	0.6705	270.0	0.1
5354.	342.5	-2.7	-2.7	-2.7	-						

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MP)	1E+3*RH0W (0/4*0.3)	RH0 (KG/M*0.3)	DIR (DEG)	SPEED (K/0)
12688	154.8	-67.4	75.7	75.5	-68.5	88	0.0000	0.0000	0.0000	272	0.0
12727	154.4	-67.7	76.1	76.0	-68.5	88	0.0000	0.0000	0.0000	272	0.0
12767	154.0	-67.7	77.1	77.0	-68.5	88	0.0000	0.0000	0.0000	272	0.0
12807	151.7	-68.1	78.4	78.4	-68.5	88	0.0000	0.0000	0.0000	272	0.0
12847	151.5	-68.1	78.4	78.4	-68.5	88	0.0000	0.0000	0.0000	272	0.0
12887	149.2	-68.1	79.7	79.7	-68.5	88	0.0000	0.0000	0.0000	272	0.0
12926	148.0	-68.1	80.1	80.1	-68.5	88	0.0000	0.0000	0.0000	272	0.0
12966	146.7	-68.1	81.4	81.4	-68.5	88	0.0000	0.0000	0.0000	272	0.0
13005	145.5	-68.1	82.8	82.8	-68.5	88	0.0000	0.0000	0.0000	272	0.0
13045	144.2	-68.1	84.1	84.1	-68.5	88	0.0000	0.0000	0.0000	272	0.0
13084	143.0	-68.1	85.5	85.5	-68.5	88	0.0000	0.0000	0.0000	272	0.0
13124	141.7	-68.1	86.8	86.8	-68.5	88	0.0000	0.0000	0.0000	272	0.0
13163	140.5	-68.1	88.2	88.2	-68.5	88	0.0000	0.0000	0.0000	272	0.0
13203	139.2	-68.1	89.5	89.5	-68.5	88	0.0000	0.0000	0.0000	272	0.0
13242	138.0	-68.1	90.9	90.9	-68.5	88	0.0000	0.0000	0.0000	272	0.0
13282	136.7	-68.1	92.2	92.2	-68.5	88	0.0000	0.0000	0.0000	272	0.0
13321	135.5	-68.1	93.6	93.6	-68.5	88	0.0000	0.0000	0.0000	272	0.0
13361	134.2	-68.1	94.9	94.9	-68.5	88	0.0000	0.0000	0.0000	272	0.0
13400	133.0	-68.1	96.3	96.3	-68.5	88	0.0000	0.0000	0.0000	272	0.0
13440	131.7	-68.1	97.6	97.6	-68.5	88	0.0000	0.0000	0.0000	272	0.0
13479	130.5	-68.1	99.0	99.0	-68.5	88	0.0000	0.0000	0.0000	272	0.0
13519	129.2	-68.1	100.3	100.3	-68.5	88	0.0000	0.0000	0.0000	272	0.0
13558	128.0	-68.1	101.7	101.7	-68.5	88	0.0000	0.0000	0.0000	272	0.0
13598	126.7	-68.1	103.0	103.0	-68.5	88	0.0000	0.0000	0.0000	272	0.0
13637	125.5	-68.1	104.4	104.4	-68.5	88	0.0000	0.0000	0.0000	272	0.0
13677	124.2	-68.1	105.7	105.7	-68.5	88	0.0000	0.0000	0.0000	272	0.0
13716	123.0	-68.1	107.1	107.1	-68.5	88	0.0000	0.0000	0.0000	272	0.0
13756	121.7	-68.1	108.4	108.4	-68.5	88	0.0000	0.0000	0.0000	272	0.0
13795	120.5	-68.1	109.8	109.8	-68.5	88	0.0000	0.0000	0.0000	272	0.0
13835	119.2	-68.1	111.1	111.1	-68.5	88	0.0000	0.0000	0.0000	272	0.0
13874	118.0	-68.1	112.5	112.5	-68.5	88	0.0000	0.0000	0.0000	272	0.0
13914	116.7	-68.1	113.8	113.8	-68.5	88	0.0000	0.0000	0.0000	272	0.0
13953	115.5	-68.1	115.2	115.2	-68.5	88	0.0000	0.0000	0.0000	272	0.0
13993	114.2	-68.1	116.5	116.5	-68.5	88	0.0000	0.0000	0.0000	272	0.0
14032	113.0	-68.1	117.9	117.9	-68.5	88	0.0000	0.0000	0.0000	272	0.0
14072	111.7	-68.1	119.2	119.2	-68.5	88	0.0000	0.0000	0.0000	272	0.0
14111	110.5	-68.1	120.6	120.6	-68.5	88	0.0000	0.0000	0.0000	272	0.0
14151	109.2	-68.1	121.9	121.9	-68.5	88	0.0000	0.0000	0.0000	272	0.0
14190	108.0	-68.1	123.3	123.3	-68.5	88	0.0000	0.0000	0.0000	272	0.0
14230	106.7	-68.1	124.6	124.6	-68.5	88	0.0000	0.0000	0.0000	272	0.0
14269	105.5	-68.1	126.0	126.0	-68.5	88	0.0000	0.0000	0.0000	272	0.0
14309	104.2	-68.1	127.3	127.3	-68.5	88	0.0000	0.0000	0.0000	272	0.0
14348	103.0	-68.1	128.7	128.7	-68.5	88	0.0000	0.0000	0.0000	272	0.0
14388	101.7	-68.1	130.0	130.0	-68.5	88	0.0000	0.0000	0.0000	272	0.0
14427	100.5	-68.1	131.4	131.4	-68.5	88	0.0000	0.0000	0.0000	272	0.0
14467	99.2	-68.1	132.8	132.8	-68.5	88	0.0000	0.0000	0.0000	272	0.0
14506	98.0	-68.1	134.1	134.1	-68.5	88	0.0000	0.0000	0.0000	272	0.0
14546	96.7	-68.1	135.5	135.5	-68.5	88	0.0000	0.0000	0.0000	272	0.0
14585	95.5	-68.1	136.8	136.8	-68.5	88	0.0000	0.0000	0.0000	272	0.0
14625	94.2	-68.1	138.2	138.2	-68.5	88	0.0000	0.0000	0.0000	272	0.0
14664	93.0	-68.1	139.5	139.5	-68.5	88	0.0000	0.0000	0.0000	272	0.0
14704	91.7	-68.1	140.9	140.9	-68.5	88	0.0000	0.0000	0.0000	272	0.0
14743	90.5	-68.1	142.2	142.2	-68.5	88	0.0000	0.0000	0.0000	272	0.0
14783	89.2	-68.1	143.6	143.6	-68.5	88	0.0000	0.0000	0.0000	272	0.0
14822	88.0	-68.1	144.9	144.9	-68.5	88	0.0000	0.0000	0.0000	272	0.0
14862	86.7	-68.1	146.3	146.3	-68.5	88	0.0000	0.0000	0.0000	272	0.0
14901	85.5	-68.1	147.6	147.6	-68.5	88	0.0000	0.0000	0.0000	272	0.0
14941	84.2	-68.1	149.0	149.0	-68.5	88	0.0000	0.0000	0.0000	272	0.0
14980	83.0	-68.1	150.3	150.3	-68.5	88	0.0000	0.0000	0.0000	272	0.0
15020	81.7	-68.1	151.7	151.7	-68.5	88	0.0000	0.0000	0.0000	272	0.0
15059	80.5	-68.1	153.0	153.0	-68.5	88	0.0000	0.0000	0.0000	272	0.0
15099	79.2	-68.1	154.4	154.4	-68.5	88	0.0000	0.0000	0.0000	272	0.0
15138	78.0	-68.1	155.7	155.7	-68.5	88	0.0000	0.0000	0.0000	272	0.0
15178	76.7	-68.1	157.1	157.1	-68.5	88	0.0000	0.0000	0.0000	272	0.0
15217	75.5	-68.1	158.4	158.4	-68.5	88	0.0000	0.0000	0.0000	272	0.0
15257	74.2	-68.1	159.8	159.8	-68.5	88	0.0000	0.0000	0.0000	272	0.0
15296	73.0	-68.1	161.1	161.1	-68.5	88	0.0000	0.0000	0.0000	272	0.0
15336	71.7	-68.1	162.5	162.5	-68.5	88	0.0000	0.0000	0.0000	272	0.0
15375	70.5	-68.1	163.8	163.8	-68.5	88	0.0000	0.0000	0.0000	272	0.0
15415	69.2	-68.1	165.2	165.2	-68.5	88	0.0000	0.0000	0.0000	272	0.0
15454	68.0	-68.1	166.5	166.5	-68.5	88	0.0000	0.0000	0.0000	272	0.0
15494	66.7	-68.1	167.9	167.9	-68.5	88	0.0000	0.0000	0.0000	272	0.0
15533	65.5	-68.1	169.2	169.2	-68.5	88	0.0000	0.0000	0.0000	272	0.0
15573	64.2	-68.1	170.6	170.6	-68.5	88	0.0000	0.0000	0.0000	272	0.0
15612	63.0	-68.1	171.9	171.9	-68.5	88	0.0000	0.0000	0.0000	272	0.0
15652	61.7	-68.1	173.3	173.3	-68.5	88	0.0000	0.0000	0.0000	272	0.0
15691	60.5	-68.1	174.6	174.6	-68.5	88	0.0000	0.0000	0.0000	272	0.0
15731	59.2	-68.1	176.0	176.0	-68.5	88	0.0000	0.0000	0.0000	272	0.0
15770	58.0	-68.1	177.3	177.3	-68.5	88	0.0000	0.0000	0.0000	272	0.0
15810	56.7	-68.1	178.7	178.7	-68.5	88	0.0000	0.0000	0.0000	272	0.0
15849	55.5	-68.1	180.0	180.0	-68.5	88	0.0000	0.0000	0.0000	272	0.0
15889	54.2	-68.1	181.4	181.4	-68.5	88	0.0000	0.0000	0.0000	272	0.0
15928	53.0	-68.1	182.8	182.8	-68.5	88	0.0000	0.0000	0.0000	272	0.0
15968	51.7	-68.1	184.1	184.1	-68.5	88	0.0000	0.0000	0.0000	272	0.0
16007	50.5	-68.1	185.5	185.5	-68.5	88	0.0000	0.0000	0.0000	272	0.0
16047	49.2	-68.1	186.8	186.8	-68.5	88	0.0000	0.0000	0.0000	272	0.0
16086	48.0	-68.1	188.2	188.2	-68.5	88	0.0000	0.0000	0.0000	272	0.0
16126	46.7	-68.1	189.5	189.5	-68.5	88	0.0000	0.0000	0.0000	272	0.0
16165	45.5	-68.1	190.9	190.9	-68.5	88	0.0000	0.0000	0.0000	272	0.0
16205	44.2	-68.1	192.2	192.2	-68.5	88	0.0000	0.0000	0.0000	272	0.0
16244	43.0	-68.1	193.6	193.6	-68.5	88	0.0000	0.0000	0.0000	272	0.0
16284	41.7	-68.1	194.9	194.9	-68.5	88	0.0000	0.0000	0.0000	272	0.0
16323	40.5	-68.1	196.3	196.3	-68.5	88	0.0000	0.0000	0.0000	272	0.0
16363	39.2	-68.1	197.6	197.6	-68.5	88	0.0000	0.0000	0.0000	272	0.0
16402	38.0	-68.1	199.0	199.0	-68.5	88	0.0000	0.0000	0.0000	272	0.0
16442	36.7	-68.1	200.3	200.3	-68.5	88	0.0000	0.0000	0.0000	272	0.0
16481	35.5	-68.1	201.7	201.7	-68.5	88	0.0000	0.0000	0.0000	272	0.0
16521	34.2	-68.1	203.0	203.0	-68.5	88	0.0000	0.0000	0.0000	272	0.0
16560	33.0	-68.1	204.4	204.4	-68.5	88	0.0000	0.0000	0.0000	272	0.0
16600	31.7	-68.1	205.7	205.7	-68.5	88	0.0000	0.0000	0.0000	272	0.0
16639	30.5	-68.1	207.1	207.1	-68.5	88	0.0000	0.0000	0.0000	272	0.0
16679	29.2	-68.1	208.4	208.4	-68.5	88	0.0000	0.0000	0.0000	272	0.0
16718	28.0	-68.1	209.8	209.8	-68.5	88	0.0000	0.0000	0.0000	272	0.0
16758	26.7	-68.1	211.1	211							

HEIGHT (M)	PRES (HPS)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MP)	1E+3*RH0W (G/M**3)	RH0 (KG/M**3)	DIR (DEG)	SPEED (M/S)
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0121	0.0123	0.0994	284.0	42.1
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0126	0.0127	0.0982	284.0	42.1
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0131	0.0132	0.0973	284.0	42.0
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0136	0.0136	0.0964	284.0	41.9
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0141	0.0141	0.0954	284.0	41.9
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0146	0.0147	0.0946	284.0	41.8
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0151	0.0152	0.0937	284.0	41.8
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0156	0.0157	0.0927	284.0	41.7
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0161	0.0162	0.0917	284.0	41.7
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0166	0.0166	0.0908	284.0	41.6
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0171	0.0171	0.0899	284.0	41.5
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0176	0.0176	0.0890	284.0	41.4
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0181	0.0181	0.0882	284.0	41.3
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0186	0.0186	0.0875	284.0	41.2
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0191	0.0191	0.0867	284.0	41.1
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0196	0.0196	0.0859	284.0	41.0
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0201	0.0201	0.0851	284.0	40.9
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0206	0.0206	0.0843	284.0	40.8
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0211	0.0211	0.0834	284.0	40.7
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0216	0.0216	0.0825	284.0	40.6
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0221	0.0221	0.0817	284.0	40.5
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0226	0.0226	0.0808	284.0	40.4
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0231	0.0231	0.0800	284.0	40.3
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0236	0.0236	0.0791	284.0	40.2
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0241	0.0241	0.0783	284.0	40.1
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0246	0.0246	0.0775	284.0	40.0
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0251	0.0251	0.0767	284.0	39.9
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0256	0.0256	0.0759	284.0	39.8
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0261	0.0261	0.0751	284.0	39.7
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0266	0.0266	0.0742	284.0	39.6
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0271	0.0271	0.0735	284.0	39.5
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0276	0.0276	0.0727	284.0	39.4
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0281	0.0281	0.0720	284.0	39.3
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0286	0.0286	0.0713	284.0	39.2
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0291	0.0291	0.0705	284.0	39.1
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0296	0.0296	0.0698	284.0	39.0
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0301	0.0301	0.0690	284.0	38.9
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0306	0.0306	0.0683	284.0	38.8
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0311	0.0311	0.0675	284.0	38.7
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0316	0.0316	0.0667	284.0	38.6
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0321	0.0321	0.0660	284.0	38.5
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0326	0.0326	0.0652	284.0	38.4
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0331	0.0331	0.0645	284.0	38.3
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0336	0.0336	0.0637	284.0	38.2
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0341	0.0341	0.0630	284.0	38.1
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0346	0.0346	0.0623	284.0	38.0
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0351	0.0351	0.0615	284.0	37.9
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0356	0.0356	0.0608	284.0	37.8
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0361	0.0361	0.0600	284.0	37.7
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0366	0.0366	0.0593	284.0	37.6
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0371	0.0371	0.0585	284.0	37.5
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0376	0.0376	0.0578	284.0	37.4
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0381	0.0381	0.0570	284.0	37.3
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0386	0.0386	0.0563	284.0	37.2
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0391	0.0391	0.0555	284.0	37.1
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0396	0.0396	0.0548	284.0	37.0
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0401	0.0401	0.0540	284.0	36.9
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0406	0.0406	0.0533	284.0	36.8
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0411	0.0411	0.0525	284.0	36.7
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0416	0.0416	0.0518	284.0	36.6
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0421	0.0421	0.0510	284.0	36.5
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0426	0.0426	0.0503	284.0	36.4
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0431	0.0431	0.0495	284.0	36.3
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0436	0.0436	0.0488	284.0	36.2
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0441	0.0441	0.0480	284.0	36.1
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0446	0.0446	0.0473	284.0	36.0
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0451	0.0451	0.0465	284.0	35.9
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0456	0.0456	0.0458	284.0	35.8
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0461	0.0461	0.0450	284.0	35.7
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0466	0.0466	0.0443	284.0	35.6
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0471	0.0471	0.0435	284.0	35.5
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0476	0.0476	0.0428	284.0	35.4
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0481	0.0481	0.0420	284.0	35.3
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0486	0.0486	0.0413	284.0	35.2
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0491	0.0491	0.0405	284.0	35.1
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0496	0.0496	0.0398	284.0	35.0
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0501	0.0501	0.0390	284.0	34.9
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0506	0.0506	0.0383	284.0	34.8
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0511	0.0511	0.0375	284.0	34.7
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0516	0.0516	0.0368	284.0	34.6
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0521	0.0521	0.0360	284.0	34.5
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0526	0.0526	0.0353	284.0	34.4
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0531	0.0531	0.0345	284.0	34.3
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0536	0.0536	0.0338	284.0	34.2
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0541	0.0541	0.0330	284.0	34.1
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0546	0.0546	0.0323	284.0	34.0
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0551	0.0551	0.0315	284.0	33.9
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0556	0.0556	0.0308	284.0	33.8
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0561	0.0561	0.0300	284.0	33.7
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0566	0.0566	0.0293	284.0	33.6
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0571	0.0571	0.0285	284.0	33.5
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0576	0.0576	0.0278	284.0	33.4
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0581	0.0581	0.0270	284.0	33.3
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0586	0.0586	0.0263	284.0	33.2
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0591	0.0591	0.0255	284.0	33.1
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0596	0.0596	0.0248	284.0	33.0
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0601	0.0601	0.0240	284.0	32.9
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0606	0.0606	0.0233	284.0	32.8
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0611	0.0611	0.0225	284.0	32.7
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0616	0.0616	0.0218	284.0	32.6
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0621	0.0621	0.0210	284.0	32.5
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0626	0.0626	0.0203	284.0	32.4
1833.8	81.4	-1.7	11.7	2.4	-59.2	88.	0.0631	0.0631	0.0195	284.0	32.3
1833.8	81.4	-1.7	11.7	2.4	-59.2						

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HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MM)	1E+3+RHQW (G/M+3)	RHO (KG/M+3)	DIF (DEG)	SPEED (M/S)
8059.	332.3	-51.3	30.8	30.8	-51.7	95.	0.3319	0.0312	0.5214	317.0	22.4
8108.	329.5	-51.7	30.9	30.9	-52.1	95.	0.3303	0.0297	0.5184	317.0	20.5
8157.	327.0	-52.2	30.9	30.9	-52.6	95.	0.3285	0.0283	0.5156	317.0	20.7
8202.	324.7	-52.6	31.0	31.0	-53.0	95.	0.3271	0.0267	0.5129	317.0	20.9
8252.	322.2	-53.0	31.1	31.1	-53.4	95.	0.3257	0.0254	0.5099	317.0	21.2
8298.	319.9	-53.3	31.3	31.3	-53.7	95.	0.3248	0.0245	0.5069	317.0	21.5
8347.	317.5	-53.6	31.5	31.5	-54.0	95.	0.3239	0.0236	0.5038	317.0	21.8
8393.	315.2	-54.1	31.5	31.5	-54.5	95.	0.3224	0.0227	0.5013	317.0	22.1
8442.	312.8	-54.5	31.6	31.6	-54.9	95.	0.3213	0.0211	0.4984	317.0	22.4
8495.	310.2	-55.0	31.6	31.6	-55.4	95.	0.3198	0.0198	0.4954	317.0	22.7
8549.	307.6	-55.4	31.8	31.8	-55.8	95.	0.3189	0.0189	0.4921	317.0	23.0
8603.	304.9	-55.8	32.0	32.0	-56.2	95.	0.3179	0.0179	0.4887	317.0	23.3
8657.	302.4	-56.2	32.1	32.1	-56.6	95.	0.3170	0.0171	0.4856	317.0	23.6
8710.	299.9	-56.6	32.3	32.3	-57.0	95.	0.3162	0.0162	0.4825	317.0	23.9
8761.	297.5	-57.0	32.4	32.4	-57.4	95.	0.3153	0.0154	0.4795	317.0	24.2
8812.	295.1	-57.5	32.4	32.4	-57.9	95.	0.3144	0.0144	0.4767	317.0	24.5
8861.	292.8	-57.9	32.6	32.6	-58.3	95.	0.3136	0.0137	0.4739	317.0	24.8
8911.	290.5	-58.3	32.7	32.7	-58.7	95.	0.3129	0.0131	0.4710	317.0	25.1
8961.	288.2	-58.7	32.9	32.9	-59.1	95.	0.3122	0.0124	0.4682	317.0	25.4
9010.	285.9	-59.1	32.8	32.8	-59.5	95.	0.3116	0.0118	0.4655	317.0	25.7
9059.	283.4	-59.5	32.8	32.8	-60.0	95.	0.3110	0.0112	0.4631	317.0	26.0
9108.	281.0	-60.0	32.9	32.9	-60.5	95.	0.3103	0.0107	0.4606	317.0	26.3
9157.	278.6	-60.5	32.9	32.9	-61.0	95.	0.3097	0.0102	0.4583	317.0	26.6
9206.	276.3	-61.0	32.9	32.9	-61.5	95.	0.3092	0.0100	0.4560	317.0	26.9
9255.	273.9	-61.4	32.9	32.9	-62.0	95.	0.3087	0.0097	0.4539	317.0	27.2
9304.	271.5	-61.9	33.0	33.0	-62.5	95.	0.3081	0.0091	0.4519	317.0	27.5
9353.	269.1	-62.4	33.1	33.1	-63.0	95.	0.3076	0.0087	0.4499	317.0	27.8
9402.	266.8	-62.9	33.3	33.3	-63.5	95.	0.3072	0.0084	0.4479	317.0	28.1
9451.	264.4	-63.4	33.5	33.5	-64.0	95.	0.3067	0.0081	0.4459	317.0	28.4
9500.	262.0	-63.9	33.7	33.7	-64.5	95.	0.3063	0.0078	0.4439	317.0	28.7
9549.	259.6	-64.4	33.9	33.9	-65.0	95.	0.3059	0.0076	0.4420	317.0	29.0
9598.	257.2	-64.9	34.1	34.1	-65.5	95.	0.3055	0.0074	0.4401	317.0	29.3
9647.	254.8	-65.4	34.4	34.4	-66.0	95.	0.3051	0.0072	0.4382	317.0	29.6
9696.	252.4	-65.9	34.6	34.6	-66.5	95.	0.3047	0.0070	0.4363	317.0	29.9
9745.	250.0	-66.4	34.9	34.9	-67.0	95.	0.3043	0.0068	0.4344	317.0	30.2
9794.	247.6	-66.9	35.2	35.2	-67.5	95.	0.3039	0.0066	0.4325	317.0	30.5
9843.	245.2	-67.4	35.5	35.5	-68.0	95.	0.3035	0.0064	0.4306	317.0	30.8
9892.	242.8	-67.9	35.8	35.8	-68.5	95.	0.3031	0.0062	0.4287	317.0	31.1
9941.	240.4	-68.4	36.1	36.1	-69.0	95.	0.3027	0.0060	0.4268	317.0	31.4
10033.	238.0	-68.9	36.4	36.4	-69.5	95.	0.3023	0.0058	0.4249	317.0	31.7
10081.	235.6	-69.4	36.7	36.7	-70.0	95.	0.3019	0.0056	0.4230	317.0	32.0
10129.	233.2	-69.9	37.0	37.0	-70.5	95.	0.3015	0.0054	0.4211	317.0	32.3
10177.	230.8	-70.4	37.3	37.3	-71.0	95.	0.3011	0.0052	0.4192	317.0	32.6
10225.	228.4	-70.9	37.6	37.6	-71.5	95.	0.3007	0.0050	0.4173	317.0	32.9
10273.	226.0	-71.4	37.9	37.9	-72.0	95.	0.3003	0.0048	0.4154	317.0	33.2
10321.	223.6	-71.9	38.2	38.2	-72.5	95.	0.3000	0.0046	0.4135	317.0	33.5
10369.	221.2	-72.4	38.5	38.5	-73.0	95.	0.2996	0.0044	0.4116	317.0	33.8
10417.	218.8	-72.9	38.8	38.8	-73.5	95.	0.2992	0.0042	0.4097	317.0	34.1
10465.	216.4	-73.4	39.1	39.1	-74.0	95.	0.2988	0.0040	0.4078	317.0	34.4
10513.	214.0	-73.9	39.4	39.4	-74.5	95.	0.2984	0.0038	0.4059	317.0	34.7
10561.	211.6	-74.4	39.7	39.7	-75.0	95.	0.2980	0.0036	0.4040	317.0	35.0
10609.	209.2	-74.9	40.0	40.0	-75.5	95.	0.2976	0.0034	0.4021	317.0	35.3
10657.	206.8	-75.4	40.3	40.3	-76.0	95.	0.2972	0.0032	0.4002	317.0	35.6
10705.	204.4	-75.9	40.6	40.6	-76.5	95.	0.2968	0.0030	0.3983	317.0	35.9
10753.	202.0	-76.4	40.9	40.9	-77.0	95.	0.2964	0.0028	0.3964	317.0	36.2
10801.	199.6	-76.9	41.2	41.2	-77.5	95.	0.2960	0.0026	0.3945	317.0	36.5
10849.	197.2	-77.4	41.5	41.5	-78.0	95.	0.2956	0.0024	0.3926	317.0	36.8
10897.	194.8	-77.9	41.8	41.8	-78.5	95.	0.2952	0.0022	0.3907	317.0	37.1
10945.	192.4	-78.4	42.1	42.1	-79.0	95.	0.2948	0.0020	0.3888	317.0	37.4
10993.	190.0	-78.9	42.4	42.4	-79.5	95.	0.2944	0.0018	0.3869	317.0	37.7
11041.	187.6	-79.4	42.7	42.7	-80.0	95.	0.2940	0.0016	0.3850	317.0	38.0
11089.	185.2	-79.9	43.0	43.0	-80.5	95.	0.2936	0.0014	0.3831	317.0	38.3
11137.	182.8	-80.4	43.3	43.3	-81.0	95.	0.2932	0.0012	0.3812	317.0	38.6
11185.	180.4	-80.9	43.6	43.6	-81.5	95.	0.2928	0.0010	0.3793	317.0	38.9
11233.	178.0	-81.4	43.9	43.9	-82.0	95.	0.2924	0.0008	0.3774	317.0	39.2
11281.	175.6	-81.9	44.2	44.2	-82.5	95.	0.2920	0.0006	0.3755	317.0	39.5
11329.	173.2	-82.4	44.5	44.5	-83.0	95.	0.2916	0.0004	0.3736	317.0	39.8
11377.	170.8	-82.9	44.8	44.8	-83.5	95.	0.2912	0.0002	0.3717	317.0	40.1
11425.	168.4	-83.4	45.1	45.1	-84.0	95.	0.2908	0.0000	0.3698	317.0	40.4
11473.	166.0	-83.9	45.4	45.4	-84.5	95.	0.2904	0.0000	0.3679	317.0	40.7
11521.	163.6	-84.4	45.7	45.7	-85.0	95.	0.2900	0.0000	0.3660	317.0	41.0
11569.	161.2	-84.9	46.0	46.0	-85.5	95.	0.2896	0.0000	0.3641	317.0	41.3
11617.	158.8	-85.4	46.3	46.3	-86.0	95.	0.2892	0.0000	0.3622	317.0	41.6
11665.	156.4	-85.9	46.6	46.6	-86.5	95.	0.2888	0.0000	0.3603	317.0	41.9
11713.	154.0	-86.4	46.9	46.9	-87.0	95.	0.2884	0.0000	0.3584	317.0	42.2
11761.	151.6	-86.9	47.2	47.2	-87.5	95.	0.2880	0.0000	0.3565	317.0	42.5
11809.	149.2	-87.4	47.5	47.5	-88.0	95.	0.2876	0.0000	0.3546	317.0	42.8
11857.	146.8	-87.9	47.8	47.8	-88.5	95.	0.2872	0.0000	0.3527	317.0	43.1
11905.	144.4	-88.4	48.1	48.1	-89.0	95.	0.2868	0.0000	0.3508	317.0	43.4
11953.	142.0	-88.9	48.4	48.4	-89.5	95.	0.2864	0.0000	0.3489	317.0	43.7
12001.	139.6	-89.4	48.7	48.7	-90.0	95.	0.2860	0.0000	0.3470	317.0	44.0
12049.	137.2	-89.9	49.0	49.0	-90.5	95.	0.2856	0.0000	0.3451	317.0	44.3
12097.	134.8	-90.4	49.3	49.3	-91.0	95.	0.2852	0.0000	0.3432	317.0	44.6
12145.	132.4	-90.9	49.6	49.6	-91.5	95.	0.2848	0.0000	0.3413	317.0	44.9
12193.	130.0	-91.4	49.9	49.9	-92.0	95.	0.2844	0.0000	0.3394	317.0	45.2
12241.	127.6	-91.9	50.2	50.2	-92.5	95.	0.2840	0.0000	0.3375	317.0	45.5
12289.	125.2	-92.4	50.5	50.5	-93.0	95.	0.2836	0.0000	0.3356	317.0	45.8
12337.	122.8	-92.9	50.8	50.8	-93.5	95.	0.2832	0.0000	0.3337	317.0	46.1
12385.	120.4	-93.4	51.1	51.1	-94.0	95.	0.2828	0.0000	0.3318	317.0	46.4
12433.	118.0	-93.9	51.4	51.4	-94.5	95.	0.2824	0.0000	0.3299	317.0	46.7
12481.	115.6	-94.4	51.7	51.7	-95.0	95.	0.2820	0.0000	0.3280	317.0	47.0
12529.	113.2	-94.9	52.0	52.0	-95.5	95.	0.2816	0.0000	0.3261	317.0	47.3
12577.	110.8	-95.4	52.3	52.3	-96.0	95.	0.2812	0.0000	0.3242	317.0	47.6
12625.	108.4	-95.9	52.6	52.6	-96.5	95.	0.2808	0.0000	0.3223	317.0	47.9
12673.	106.0	-96.4	52.9	52.9	-97.0	95.	0.2804	0.0000	0.3204	317.0	48.2
12721.	103.6	-96.9	53.2	53.2	-97.5	95.	0.2800	0.0000	0.3185	317.0	48.5
12769.	101.2	-97.4	53.5	53.5	-98.0	95.	0.2796	0.0000	0.3166	317.0	48.8
12817.	98.8	-97.9	53.8	53.8	-98.5	95.	0.2792	0.0000	0.3147	317.0	49.1
12865.	96.4	-98.4	54.1	54.1	-99.0	95.	0.2788	0.0000	0.3128	317.0	49.4
12913.	94.0	-98.9	54.4	54.4	-99.5	95.	0.2784	0.0000	0.3109	317.0	49.7
12961.	91.6	-99.4	54.7	54.7	-100.0	95.	0.2780	0.0000	0.3090	317.0	50.0
13009.	89.2	-99.9	55.0	55.0	-100.5	95.	0.2776	0.0000	0.3071	317.0	50.3
13057.											

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3-RHCV (G/M+3)	RHO (KG/M+3)	D1R (DEG)	SPEED (M/S)
13480.	135.5	-66.2	89.6	89.6	-68.5	95.	0.0032	0.0034	0.2333	278.0	24.9
13529.	134.4	-68.0	90.8	90.8	-68.4	95.	0.0033	0.0035	0.2282	277.0	24.9
13578.	133.3	-67.7	92.2	92.2	-68.1	95.	0.0035	0.0037	0.2260	277.0	25.0
13628.	132.2	-67.6	93.2	93.2	-68.0	95.	0.0035	0.0037	0.2241	277.0	25.1
13673.	131.1	-67.6	94.0	94.0	-68.0	95.	0.0035	0.0037	0.2224	277.0	25.0
13719.	130.0	-67.5	95.0	95.0	-67.9	95.	0.0036	0.0038	0.2206	276.0	25.1
13766.	129.0	-67.5	96.2	96.2	-67.7	95.	0.0037	0.0039	0.2186	276.0	25.2
13817.	128.1	-67.5	97.1	97.1	-67.7	95.	0.0037	0.0039	0.2168	275.0	25.2
13864.	127.1	-67.4	98.1	98.1	-67.6	95.	0.0037	0.0039	0.2150	275.0	25.3
13917.	126.0	-67.1	99.2	99.2	-67.5	95.	0.0038	0.0040	0.2132	275.0	25.5
13965.	125.0	-67.1	100.2	100.2	-67.4	95.	0.0039	0.0041	0.2094	275.0	25.6
14013.	124.0	-66.9	101.2	101.2	-67.3	95.	0.0039	0.0041	0.2077	274.0	25.7
14062.	123.0	-66.6	102.3	102.3	-67.2	95.	0.0040	0.0042	0.2057	274.0	25.8
14116.	121.9	-66.7	103.4	103.4	-67.1	95.	0.0040	0.0042	0.2038	274.0	25.9
14166.	120.9	-66.5	104.7	104.7	-66.9	95.	0.0041	0.0043	0.2018	273.0	25.9
14216.	119.9	-66.5	106.1	106.1	-66.9	95.	0.0041	0.0043	0.2000	272.0	25.9
14267.	118.9	-66.6	107.4	107.4	-66.4	95.	0.0045	0.0047	0.1983	271.0	25.9
14314.	117.9	-66.6	108.5	108.5	-66.4	95.	0.0045	0.0047	0.1966	271.0	25.9
14369.	116.9	-66.6	109.5	109.5	-66.3	95.	0.0045	0.0047	0.1950	271.0	25.9
14416.	116.0	-65.5	110.5	110.5	-66.3	95.	0.0045	0.0047	0.1932	270.0	25.9
14469.	115.0	-65.5	111.4	111.4	-66.2	95.	0.0046	0.0048	0.1915	270.0	25.7
14522.	114.0	-65.5	112.4	112.4	-66.2	95.	0.0046	0.0048	0.1898	270.0	25.6
14570.	113.1	-65.5	113.4	113.4	-66.3	95.	0.0046	0.0048	0.1884	270.0	25.6
14624.	112.1	-66.1	114.1	114.1	-66.5	95.	0.0046	0.0048	0.1871	270.0	25.5
14672.	111.2	-66.1	114.6	114.6	-66.4	95.	0.0047	0.0049	0.1853	270.0	25.5
14727.	110.2	-66.0	115.8	115.8	-66.4	95.	0.0047	0.0049	0.1838	270.0	25.4
14777.	109.3	-66.0	116.7	116.7	-66.4	95.	0.0047	0.0049	0.1823	270.0	25.4
14827.	108.4	-66.0	117.6	117.6	-66.3	95.	0.0047	0.0049	0.1807	270.0	25.4
14877.	107.5	-65.9	118.7	118.7	-66.1	95.	0.0046	0.0049	0.1793	270.0	25.5
14928.	106.6	-65.7	119.6	119.6	-65.7	95.	0.0046	0.0049	0.1778	270.0	25.5
14980.	105.7	-65.5	120.4	120.4	-65.7	95.	0.0046	0.0049	0.1758	270.0	25.5
15026.	104.9	-65.5	122.6	122.6	-65.7	95.	0.0049	0.0051	0.1745	270.0	25.5
15072.	104.1	-65.5	123.5	123.5	-65.7	95.	0.0049	0.0051	0.1730	270.0	25.5
15125.	103.2	-65.5	124.5	124.5	-65.7	95.	0.0051	0.0051	0.1716	270.0	25.7
15172.	102.4	-65.5	125.4	125.4	-65.7	95.	0.0051	0.0051	0.1702	270.0	25.8
15220.	101.6	-65.1	127.5	127.5	-65.3	95.	0.0051	0.0053	0.1688	270.0	25.9
15268.	100.8	-64.9	129.6	129.6	-65.3	95.	0.0052	0.0054	0.1671	270.0	26.2
15323.	99.5	-64.7	130.3	130.3	-65.1	95.	0.0054	0.0056	0.1656	270.0	26.4
15377.	98.1	-65.0	130.6	130.6	-65.1	95.	0.0054	0.0056	0.1645	270.0	26.4
15421.	97.4	-65.4	131.1	131.1	-65.7	95.	0.0051	0.0051	0.1632	270.0	26.6
15477.	96.6	-65.4	131.8	131.8	-65.8	95.	0.0049	0.0051	0.1620	270.0	26.8
15527.	95.8	-65.5	132.6	132.6	-65.9	95.	0.0048	0.0050	0.1607	271.0	27.0
15577.	95.1	-65.1	134.2	134.2	-65.5	95.	0.0051	0.0053	0.1592	271.0	27.2
15622.	94.3	-64.8	135.4	135.4	-65.2	95.	0.0053	0.0055	0.1577	271.0	27.4
15673.	93.5	-64.6	137.2	137.2	-65.2	95.	0.0057	0.0057	0.1562	271.0	27.5
15725.	92.7	-64.4	138.6	138.6	-65.3	95.	0.0057	0.0059	0.1546	271.0	27.6
15778.	91.9	-64.3	140.6	140.6	-65.3	95.	0.0060	0.0062	0.1531	271.0	27.7
15831.	91.1	-64.3	142.4	142.4	-64.1	95.	0.0062	0.0066	0.1515	271.0	27.8
15878.	90.2	-64.3	143.7	143.7	-64.2	95.	0.0064	0.0068	0.1493	271.0	28.1
15932.	89.7	-64.3	144.8	144.8	-64.2	95.	0.0063	0.0063	0.1479	271.0	28.4
15984.	88.5	-63.3	145.7	145.7	-64.2	95.	0.0063	0.0063	0.1468	271.0	28.6
16032.	87.2	-63.3	146.7	146.7	-64.2	95.	0.0063	0.0063	0.1456	271.0	28.7
16081.	86.8	-63.3	147.6	147.6	-64.2	95.	0.0063	0.0063	0.1444	271.0	28.9
16131.	86.1	-63.3	149.4	149.4	-63.8	95.	0.0064	0.0067	0.1430	271.0	29.0
16180.	85.4	-63.3	151.2	151.2	-63.4	95.	0.0066	0.0072	0.1416	271.0	29.2
16230.	84.7	-62.2	152.6	152.6	-63.2	95.	0.0070	0.0072	0.1403	272.0	29.4
16280.	84.0	-62.2	153.6	153.6	-63.2	95.	0.0071	0.0073	0.1391	272.0	29.5
16331.	83.3	-62.2	154.7	154.7	-63.3	95.	0.0071	0.0073	0.1378	272.0	29.7
16382.	82.7	-62.2	155.6	155.6	-63.3	95.	0.0071	0.0073	0.1366	272.0	29.7
16433.	82.0	-62.2	156.4	156.4	-63.3	95.	0.0071	0.0073	0.1354	272.0	29.8
16484.	81.1	-62.2	157.7	157.7	-63.3	95.	0.0071	0.0073	0.1345	272.0	30.1
16535.	80.7	-62.2	158.9	158.9	-63.3	95.	0.0071	0.0073	0.1331	272.0	30.2
16586.	79.8	-62.2	159.4	159.4	-63.3	95.	0.0071	0.0073	0.1319	272.0	30.2
16637.	78.9	-62.2	160.4	160.4	-63.3	95.	0.0071	0.0073	0.1307	272.0	30.2
16688.	78.0	-62.2	161.4	161.4	-63.3	95.	0.0071	0.0073	0.1299	272.0	30.2
16739.	77.1	-62.2	162.4	162.4	-63.3	95.	0.0071	0.0073	0.1289	272.0	30.2
16790.	76.2	-62.2	163.4	163.4	-63.3	95.	0.0071	0.0073	0.1278	272.0	30.2
16841.	75.3	-62.2	164.4	164.4	-63.3	95.	0.0071	0.0073	0.1266	272.0	30.3
16892.	74.4	-62.2	165.4	165.4	-63.3	95.	0.0071	0.0073	0.1254	272.0	30.3
16943.	73.5	-62.2	166.4	166.4	-63.3	95.	0.0071	0.0073	0.1244	272.0	30.3
16994.	72.6	-62.2	167.4	167.4	-63.3	95.	0.0071	0.0073	0.1233	272.0	30.3
17045.	71.7	-62.2	168.4	168.4	-63.3	95.	0.0071	0.0073	0.1223	272.0	30.3
17096.	70.8	-62.2	169.4	169.4	-63.3	95.	0.0071	0.0073	0.1211	272.0	30.3
17147.	69.9	-62.2	170.4	170.4	-63.3	95.	0.0071	0.0073	0.1198	272.0	30.3
17198.	69.0	-62.2	171.4	171.4	-63.3	95.	0.0071	0.0073	0.1186	272.0	30.3
17249.	68.1	-62.2	172.4	172.4	-63.3	95.	0.0071	0.0073	0.1176	272.0	30.3
17300.	67.2	-62.2	173.4	173.4	-63.3	95.	0.0071	0.0073	0.1165	272.0	30.3
17351.	66.3	-62.2	174.4	174.4	-63.3	95.	0.0071	0.0073	0.1156	272.0	30.3
17402.	65.4	-62.2	175.4	175.4	-63.3	95.	0.0071	0.0073	0.1144	272.0	30.3
17453.	64.5	-62.2	176.4	176.4	-63.3	95.	0.0071	0.0073	0.1135	272.0	30.3
17504.	63.6	-62.2	177.4	177.4	-63.3	95.	0.0071	0.0073	0.1125	272.0	30.3
17555.	62.7	-62.2	178.4	178.4	-63.3	95.	0.0071	0.0073	0.1114	272.0	30.3
17606.	61.8	-62.2	179.4	179.4	-63.3	95.	0.0071	0.0073	0.1103	272.0	30.3
17657.	60.9	-62.2	180.4	180.4	-63.3	95.	0.0071	0.0073	0.1092	272.0	30.3
17708.	60.0	-62.2	181.4	181.4	-63.3	95.	0.0071	0.0073	0.1081	272.0	30.3

SOUNDING 72.0
 LATITUDE -40.7 LONGITUDE 14.5
 DATE 11-01-01 TIME 7341 GMT
 NUMBER OF LEVELS 47

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3-RHCV (G/M+3)	RHO (KG/M+3)	D1R (DEG)	SPEED (M/S)
0.	944.0	0.0	0.0	1.1	-1.0	90.	1.4623	4.3565	1.2715	311.0	0.0
109.	937.1	-0.0	0.0	1.1	-7.3	70.	4.0241	3.4193	1.2646	311.0	0.0
159.	930.1	-0.0	0.0	1.1	-7.3	50.	2.6353	2.6353	1.2568	311.0	0.0
210.	923.2	-0.0	0.0	1.1	-7.3	40.	2.1947	2.1947	1.2495	311.0	0.0
260.	916.2	-0.0	0.0	1.1	-7.3	30.	1.6977	1.6977	1.2425	311.0	0.0
310.	909.2	-0.0	0.0	1.1	-7.3	20.	1.2547	1.2547	1.2357	311.0	0.0
360.	902.2	-0.0	0.0	1.1	-7.3	10.	0.8188	0.8188	1.2290	311.0	0.0
417.	895.2	-0.0	0.0	1.1	-7.3	0.	0.3783	0.3783	1.2224	311.0	0.0
469.	888.2	-0.0	0.0	1.1	-7.3	0.	0.0000	0.0000	1.2158	311.0	0.0
520.	881.2	-0.0	0.0	1.1	-7.3	0.	0.0000	0.0000	1.2092	311.0	0.0
570.	874.2	-0.0	0.0	1.1	-7.3	0.	0.0000	0.0000	1.2026	311.0	0.0
620.	867.2	-0.0	0.0	1.1	-7.3	0.	0.0000	0.0000	1.1960	311.0	0.0
670.	860.2	-0.0	0.0	1.1	-7.3	0.	0.0000	0.0000	1.1894	311.0	0.0
720.	853.2	-0.0	0.0	1.1	-7.3	0.	0.0000	0.0000	1.1828	311.0	0.0
770.	846.2	-0.0	0.0	1.1	-7.3	0.	0.0000	0.0000	1.1762	311.0	0.0

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MM)	1E+3+RHGW (G/M+3)	RHO (KG/M+3)	DIR (DEG)	SPEED (M/S)
748.	954.1	-5.5	2.4	2.4	-5.5	100.	3.6645	3.1266	1.1799	278.0	13.8
833.	937.7	-6.0	2.4	2.4	-6.0	100.	3.6278	3.0945	1.1735	279.3	13.5
855.	891.8	-6.5	2.4	2.4	-6.5	100.	3.5811	2.9624	1.1677	279.3	13.4
907.	885.9	-6.5	2.4	2.4	-6.5	100.	3.5444	2.8314	1.1614	279.3	13.2
962.	875.6	-7.4	2.4	2.4	-7.4	100.	3.4977	2.7004	1.1550	279.3	13.1
1017.	867.5	-7.4	2.4	2.4	-7.4	100.	3.4511	2.5694	1.1486	278.0	13.0
1070.	867.5	-7.4	2.4	2.4	-7.4	100.	3.4044	2.4384	1.1422	277.6	12.9
1123.	861.5	-8.6	2.4	2.4	-8.6	100.	3.3577	2.3074	1.1358	276.0	12.8
1174.	855.9	-8.6	2.4	2.4	-8.6	100.	3.3111	2.1764	1.1291	275.0	12.7
1225.	850.2	-8.6	2.4	2.4	-8.6	100.	3.2644	2.0454	1.1227	274.0	12.6
1274.	844.9	-8.6	2.4	2.4	-8.6	100.	3.2177	1.9144	1.1163	273.0	12.5
1321.	839.4	-8.6	2.4	2.4	-8.6	100.	3.1711	1.7834	1.1099	272.0	12.4
1366.	834.7	-8.6	2.4	2.4	-8.6	100.	3.1244	1.6524	1.1035	271.0	12.3
1416.	829.6	-8.6	2.4	2.4	-8.6	100.	3.0777	1.5214	1.0971	270.0	12.2
1465.	824.9	-8.6	2.4	2.4	-8.6	100.	3.0311	1.3904	1.0907	269.0	12.1
1514.	819.7	-8.6	2.4	2.4	-8.6	100.	2.9844	1.2594	1.0843	268.0	12.0
1564.	814.9	-8.6	2.4	2.4	-8.6	100.	2.9377	1.1284	1.0779	267.0	11.9
1614.	810.2	-8.6	2.4	2.4	-8.6	100.	2.8911	1.0000	1.0715	266.0	11.8
1664.	805.9	-8.6	2.4	2.4	-8.6	100.	2.8444	0.8690	1.0651	265.0	11.7
1714.	801.9	-8.6	2.4	2.4	-8.6	100.	2.7977	0.7380	1.0587	264.0	11.6
1764.	797.9	-8.6	2.4	2.4	-8.6	100.	2.7511	0.6070	1.0523	263.0	11.5
1814.	793.9	-8.6	2.4	2.4	-8.6	100.	2.7044	0.4760	1.0459	262.0	11.4
1864.	789.9	-8.6	2.4	2.4	-8.6	100.	2.6577	0.3450	1.0395	261.0	11.3
1914.	785.9	-8.6	2.4	2.4	-8.6	100.	2.6111	0.2140	1.0331	260.0	11.2
1964.	781.9	-8.6	2.4	2.4	-8.6	100.	2.5644	0.0830	1.0267	259.0	11.1
2014.	777.9	-8.6	2.4	2.4	-8.6	100.	2.5177	0.0000	1.0203	258.0	11.0
2064.	773.9	-8.6	2.4	2.4	-8.6	100.	2.4711	0.0000	1.0139	257.0	10.9
2114.	769.9	-8.6	2.4	2.4	-8.6	100.	2.4244	0.0000	1.0075	256.0	10.8
2164.	765.9	-8.6	2.4	2.4	-8.6	100.	2.3777	0.0000	1.0011	255.0	10.7
2214.	761.9	-8.6	2.4	2.4	-8.6	100.	2.3311	0.0000	0.9947	254.0	10.6
2264.	757.9	-8.6	2.4	2.4	-8.6	100.	2.2844	0.0000	0.9883	253.0	10.5
2314.	753.9	-8.6	2.4	2.4	-8.6	100.	2.2377	0.0000	0.9819	252.0	10.4
2364.	749.9	-8.6	2.4	2.4	-8.6	100.	2.1911	0.0000	0.9755	251.0	10.3
2414.	745.9	-8.6	2.4	2.4	-8.6	100.	2.1444	0.0000	0.9691	250.0	10.2
2464.	741.9	-8.6	2.4	2.4	-8.6	100.	2.0977	0.0000	0.9627	249.0	10.1
2514.	737.9	-8.6	2.4	2.4	-8.6	100.	2.0511	0.0000	0.9563	248.0	10.0
2564.	733.9	-8.6	2.4	2.4	-8.6	100.	2.0044	0.0000	0.9499	247.0	9.9
2614.	729.9	-8.6	2.4	2.4	-8.6	100.	1.9577	0.0000	0.9435	246.0	9.8
2664.	725.9	-8.6	2.4	2.4	-8.6	100.	1.9111	0.0000	0.9371	245.0	9.7
2714.	721.9	-8.6	2.4	2.4	-8.6	100.	1.8644	0.0000	0.9307	244.0	9.6
2764.	717.9	-8.6	2.4	2.4	-8.6	100.	1.8177	0.0000	0.9243	243.0	9.5
2814.	713.9	-8.6	2.4	2.4	-8.6	100.	1.7711	0.0000	0.9179	242.0	9.4
2864.	709.9	-8.6	2.4	2.4	-8.6	100.	1.7244	0.0000	0.9115	241.0	9.3
2914.	705.9	-8.6	2.4	2.4	-8.6	100.	1.6777	0.0000	0.9051	240.0	9.2
2964.	701.9	-8.6	2.4	2.4	-8.6	100.	1.6311	0.0000	0.8987	239.0	9.1
3014.	697.9	-8.6	2.4	2.4	-8.6	100.	1.5844	0.0000	0.8923	238.0	9.0
3064.	693.9	-8.6	2.4	2.4	-8.6	100.	1.5377	0.0000	0.8859	237.0	8.9
3114.	689.9	-8.6	2.4	2.4	-8.6	100.	1.4911	0.0000	0.8795	236.0	8.8
3164.	685.9	-8.6	2.4	2.4	-8.6	100.	1.4444	0.0000	0.8731	235.0	8.7
3214.	681.9	-8.6	2.4	2.4	-8.6	100.	1.3977	0.0000	0.8667	234.0	8.6
3264.	677.9	-8.6	2.4	2.4	-8.6	100.	1.3511	0.0000	0.8603	233.0	8.5
3314.	673.9	-8.6	2.4	2.4	-8.6	100.	1.3044	0.0000	0.8539	232.0	8.4
3364.	669.9	-8.6	2.4	2.4	-8.6	100.	1.2577	0.0000	0.8475	231.0	8.3
3414.	665.9	-8.6	2.4	2.4	-8.6	100.	1.2111	0.0000	0.8411	230.0	8.2
3464.	661.9	-8.6	2.4	2.4	-8.6	100.	1.1644	0.0000	0.8347	229.0	8.1
3514.	657.9	-8.6	2.4	2.4	-8.6	100.	1.1177	0.0000	0.8283	228.0	8.0
3564.	653.9	-8.6	2.4	2.4	-8.6	100.	1.0711	0.0000	0.8219	227.0	7.9
3614.	649.9	-8.6	2.4	2.4	-8.6	100.	1.0244	0.0000	0.8155	226.0	7.8
3664.	645.9	-8.6	2.4	2.4	-8.6	100.	0.9777	0.0000	0.8091	225.0	7.7
3714.	641.9	-8.6	2.4	2.4	-8.6	100.	0.9311	0.0000	0.8027	224.0	7.6
3764.	637.9	-8.6	2.4	2.4	-8.6	100.	0.8844	0.0000	0.7963	223.0	7.5
3814.	633.9	-8.6	2.4	2.4	-8.6	100.	0.8377	0.0000	0.7899	222.0	7.4
3864.	629.9	-8.6	2.4	2.4	-8.6	100.	0.7911	0.0000	0.7835	221.0	7.3
3914.	625.9	-8.6	2.4	2.4	-8.6	100.	0.7444	0.0000	0.7771	220.0	7.2
3964.	621.9	-8.6	2.4	2.4	-8.6	100.	0.6977	0.0000	0.7707	219.0	7.1
4014.	617.9	-8.6	2.4	2.4	-8.6	100.	0.6511	0.0000	0.7643	218.0	7.0
4064.	613.9	-8.6	2.4	2.4	-8.6	100.	0.6044	0.0000	0.7579	217.0	6.9
4114.	609.9	-8.6	2.4	2.4	-8.6	100.	0.5577	0.0000	0.7515	216.0	6.8
4164.	605.9	-8.6	2.4	2.4	-8.6	100.	0.5111	0.0000	0.7451	215.0	6.7
4214.	601.9	-8.6	2.4	2.4	-8.6	100.	0.4644	0.0000	0.7387	214.0	6.6
4264.	597.9	-8.6	2.4	2.4	-8.6	100.	0.4177	0.0000	0.7323	213.0	6.5
4314.	593.9	-8.6	2.4	2.4	-8.6	100.	0.3711	0.0000	0.7259	212.0	6.4
4364.	589.9	-8.6	2.4	2.4	-8.6	100.	0.3244	0.0000	0.7195	211.0	6.3
4414.	585.9	-8.6	2.4	2.4	-8.6	100.	0.2777	0.0000	0.7131	210.0	6.2
4464.	581.9	-8.6	2.4	2.4	-8.6	100.	0.2311	0.0000	0.7067	209.0	6.1
4514.	577.9	-8.6	2.4	2.4	-8.6	100.	0.1844	0.0000	0.7003	208.0	6.0
4564.	573.9	-8.6	2.4	2.4	-8.6	100.	0.1377	0.0000	0.6939	207.0	5.9
4614.	569.9	-8.6	2.4	2.4	-8.6	100.	0.0911	0.0000	0.6875	206.0	5.8
4664.	565.9	-8.6	2.4	2.4	-8.6	100.	0.0444	0.0000	0.6811	205.0	5.7
4714.	561.9	-8.6	2.4	2.4	-8.6	100.	0.0000	0.0000	0.6747	204.0	5.6
4764.	557.9	-8.6	2.4	2.4	-8.6	100.	0.0000	0.0000	0.6683	203.0	5.5
4814.	553.9	-8.6	2.4	2.4	-8.6	100.	0.0000	0.0000	0.6619	202.0	5.4
4864.	549.9	-8.6	2.4	2.4	-8.6	100.	0.0000	0.0000	0.6555	201.0	5.3
4914.	545.9	-8.6	2.4	2.4	-8.6	100.	0.0000	0.0000	0.6491	200.0	5.2
4964.	541.9	-8.6	2.4	2.4	-8.6	100.	0.0000	0.0000	0.6427	199.0	5.1
5014.	537.9	-8.6	2.4	2.4	-8.6	100.	0.0000	0.0000	0.6363	198.0	5.0
5064.	533.9	-8.6	2.4	2.4	-8.6	100.	0.0000	0.0000	0.6299	197.0	4.9
5114.	529.9	-8.6	2.4	2.4	-8.6	100.	0.0000	0.0000	0.6235	196.0	4.8
5164.	525.9	-8.6	2.4	2.4	-8.6	100.	0.0000	0.0000	0.6171	195.0	4.7
5214.	521.9	-8.6	2.4	2.4	-8.6	100.	0.0000	0.0000	0.6107	194.0	4.6
5264.	517.9	-8.6	2.4	2.4	-8.6	100.	0.0000	0.0000	0.6043	193.0	4.5
5314.	513.9	-8.6	2.4	2.4	-8.6	100.	0.0000	0.0000	0.5979	192.0	4.4
5364.	509.9	-8.6	2.4	2.4	-8.6	100.	0.0000	0.0000	0.5915	191.0	4.3
5414.	505.9	-8.6	2.4	2.4	-8.6	100.	0.0000	0.0000	0.5851	190.0	4.2
5464.	501.9	-8.6	2.4	2.4	-8.6	100.	0.0000	0.0000	0.5787	189.0	4.1
5514.	497.9	-8.6	2.4	2.4	-8.6	100.	0.0000	0.0000	0.5723	188.0	4.0
5564.	493.9	-8.6	2.4	2.4	-8.6	100.	0.0000	0.0000	0.5659	187.0	3.9
5614.	489.9	-8.6	2.4	2.4	-8.6	100.	0.0000	0.0000	0.5595	186.0	3.8
5664.	485.9	-8.6	2.4	2.4	-8.6	100.	0.0000	0.0000	0.5531	185.0	3.7
5714.	481.9	-8.6	2.4	2.4	-8.6	100.	0.0000	0.0000	0.5467	184.0	3.6
5764.	477.9	-8.6	2.4	2.4	-8.6	100.	0.0000	0.0000	0.5403	183.0	3.5
5814.	473.9	-8.6	2.4	2.4	-8.6	100.	0.0000	0.0000	0.5339	182.0	3.4
5864.	469.9	-8.6	2.4	2.4	-8.6	100.	0.0000	0.0000	0.5275	181.0	3.3
5914.	465.9	-8.6	2.4	2.4	-8.6	100.	0.0000	0.0000	0.5211	180.0	3.2
5964.	461.9	-8.6	2.4	2.4	-8.6	100.	0.0000	0.0000	0.5147	179.0	3.1
6014.	457.9	-8.6	2.4	2.4	-8.6	100.	0.0000	0.0000	0.5083	178.0	

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REPORTS OF THE US - USSR WEDDELL POLYNYA EXPEDITION
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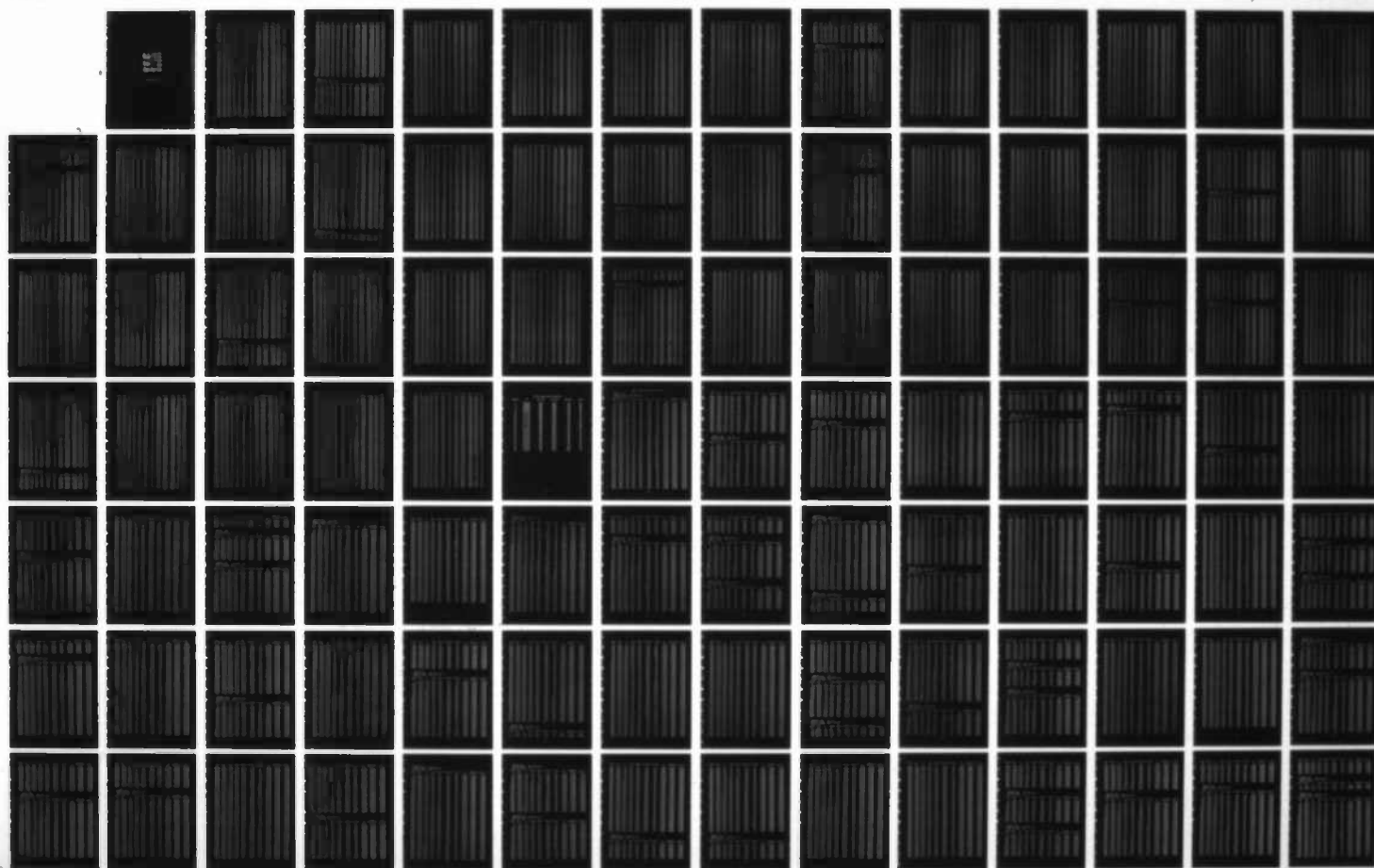
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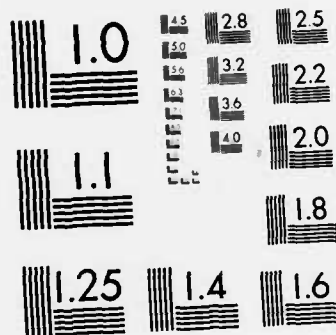
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3-RHGW (G/M+3)	RHO (KG/M+3)	DIR (DEG)	SPEED (M/S)
954.	887.6	-4.7	4.1	3.5	-4.5	86.	3.5587	2.8913	1.1547	241.0	10.5
1017.	884.7	-4.7	4.1	3.5	-4.6	86.	3.5283	2.6677	1.1462	241.0	10.3
1079.	881.7	-5.0	4.0	3.4	-4.8	86.	3.4865	2.8211	1.1379	244.0	10.1
1142.	878.7	-5.0	4.0	3.4	-7.0	86.	3.4395	2.7753	1.1297	244.0	9.7
1204.	875.7	-5.0	4.0	3.4	-7.1	86.	3.3873	2.7525	1.1214	243.0	9.7
1267.	872.7	-5.0	4.0	3.4	-7.1	86.	3.3354	2.7300	1.1134	241.0	9.6
1329.	869.7	-5.0	4.0	3.4	-7.1	86.	3.2835	2.6855	1.1058	241.0	9.4
1392.	866.7	-6.1	4.0	3.4	-7.2	86.	3.2316	2.5771	1.0984	242.0	9.3
1454.	863.7	-6.1	4.0	3.4	-7.2	86.	3.1797	2.5192	1.0926	241.0	9.2
1517.	860.7	-7.1	4.0	3.4	-7.2	86.	3.1278	2.4613	1.0868	241.0	9.1
1579.	857.7	-7.1	4.0	3.4	-7.2	86.	3.0759	2.4034	1.0810	241.0	9.0
1642.	854.7	-7.1	4.0	3.4	-7.2	86.	3.0240	2.3455	1.0752	241.0	8.9
1704.	851.7	-7.1	4.0	3.4	-7.2	86.	2.9721	2.2876	1.0694	241.0	8.8
1767.	848.7	-7.1	4.0	3.4	-7.2	86.	2.9202	2.2297	1.0636	241.0	8.7
1829.	845.7	-7.1	4.0	3.4	-7.2	86.	2.8683	2.1718	1.0578	241.0	8.6
1892.	842.7	-7.1	4.0	3.4	-7.2	86.	2.8164	2.1139	1.0520	241.0	8.5
1954.	839.7	-7.1	4.0	3.4	-7.2	86.	2.7645	2.0560	1.0462	241.0	8.4
2017.	836.7	-7.1	4.0	3.4	-7.2	86.	2.7126	2.0000	1.0404	241.0	8.3
2079.	833.7	-7.1	4.0	3.4	-7.2	86.	2.6607	1.9440	1.0346	241.0	8.2
2142.	830.7	-7.1	4.0	3.4	-7.2	86.	2.6088	1.8880	1.0288	241.0	8.1
2204.	827.7	-7.1	4.0	3.4	-7.2	86.	2.5569	1.8320	1.0230	241.0	8.0
2267.	824.7	-7.1	4.0	3.4	-7.2	86.	2.5050	1.7760	1.0172	241.0	7.9
2329.	821.7	-7.1	4.0	3.4	-7.2	86.	2.4531	1.7200	1.0114	241.0	7.8
2392.	818.7	-7.1	4.0	3.4	-7.2	86.	2.4012	1.6640	1.0056	241.0	7.7
2454.	815.7	-7.1	4.0	3.4	-7.2	86.	2.3493	1.6080	1.0000	241.0	7.6
2517.	812.7	-7.1	4.0	3.4	-7.2	86.	2.2974	1.5520	0.9942	241.0	7.5
2579.	809.7	-7.1	4.0	3.4	-7.2	86.	2.2455	1.4960	0.9884	241.0	7.4
2642.	806.7	-7.1	4.0	3.4	-7.2	86.	2.1936	1.4400	0.9826	241.0	7.3
2704.	803.7	-7.1	4.0	3.4	-7.2	86.	2.1417	1.3840	0.9768	241.0	7.2
2767.	800.7	-7.1	4.0	3.4	-7.2	86.	2.0898	1.3280	0.9710	241.0	7.1
2829.	797.7	-7.1	4.0	3.4	-7.2	86.	2.0379	1.2720	0.9652	241.0	7.0
2892.	794.7	-7.1	4.0	3.4	-7.2	86.	1.9860	1.2160	0.9594	241.0	6.9
2954.	791.7	-7.1	4.0	3.4	-7.2	86.	1.9341	1.1600	0.9536	241.0	6.8
3017.	788.7	-7.1	4.0	3.4	-7.2	86.	1.8822	1.1040	0.9478	241.0	6.7
3079.	785.7	-7.1	4.0	3.4	-7.2	86.	1.8303	1.0480	0.9420	241.0	6.6
3142.	782.7	-7.1	4.0	3.4	-7.2	86.	1.7784	0.9920	0.9362	241.0	6.5
3204.	779.7	-7.1	4.0	3.4	-7.2	86.	1.7265	0.9360	0.9304	241.0	6.4
3267.	776.7	-7.1	4.0	3.4	-7.2	86.	1.6746	0.8800	0.9246	241.0	6.3
3329.	773.7	-7.1	4.0	3.4	-7.2	86.	1.6227	0.8240	0.9188	241.0	6.2
3392.	770.7	-7.1	4.0	3.4	-7.2	86.	1.5708	0.7680	0.9130	241.0	6.1
3454.	767.7	-7.1	4.0	3.4	-7.2	86.	1.5189	0.7120	0.9072	241.0	6.0
3517.	764.7	-7.1	4.0	3.4	-7.2	86.	1.4670	0.6560	0.9014	241.0	5.9
3579.	761.7	-7.1	4.0	3.4	-7.2	86.	1.4151	0.6000	0.8956	241.0	5.8
3642.	758.7	-7.1	4.0	3.4	-7.2	86.	1.3632	0.5440	0.8898	241.0	5.7
3704.	755.7	-7.1	4.0	3.4	-7.2	86.	1.3113	0.4880	0.8840	241.0	5.6
3767.	752.7	-7.1	4.0	3.4	-7.2	86.	1.2594	0.4320	0.8782	241.0	5.5
3829.	749.7	-7.1	4.0	3.4	-7.2	86.	1.2075	0.3760	0.8724	241.0	5.4
3892.	746.7	-7.1	4.0	3.4	-7.2	86.	1.1556	0.3200	0.8666	241.0	5.3
3954.	743.7	-7.1	4.0	3.4	-7.2	86.	1.1037	0.2640	0.8608	241.0	5.2
4017.	740.7	-7.1	4.0	3.4	-7.2	86.	1.0518	0.2080	0.8550	241.0	5.1
4079.	737.7	-7.1	4.0	3.4	-7.2	86.	1.0000	0.1520	0.8492	241.0	5.0
4142.	734.7	-7.1	4.0	3.4	-7.2	86.	0.9481	0.0960	0.8434	241.0	4.9
4204.	731.7	-7.1	4.0	3.4	-7.2	86.	0.8962	0.0400	0.8376	241.0	4.8
4267.	728.7	-7.1	4.0	3.4	-7.2	86.	0.8443	0.0000	0.8318	241.0	4.7
4329.	725.7	-7.1	4.0	3.4	-7.2	86.	0.7924	0.0000	0.8260	241.0	4.6
4392.	722.7	-7.1	4.0	3.4	-7.2	86.	0.7405	0.0000	0.8202	241.0	4.5
4454.	719.7	-7.1	4.0	3.4	-7.2	86.	0.6886	0.0000	0.8144	241.0	4.4
4517.	716.7	-7.1	4.0	3.4	-7.2	86.	0.6367	0.0000	0.8086	241.0	4.3
4579.	713.7	-7.1	4.0	3.4	-7.2	86.	0.5848	0.0000	0.8028	241.0	4.2
4642.	710.7	-7.1	4.0	3.4	-7.2	86.	0.5329	0.0000	0.7970	241.0	4.1
4704.	707.7	-7.1	4.0	3.4	-7.2	86.	0.4810	0.0000	0.7912	241.0	4.0
4767.	704.7	-7.1	4.0	3.4	-7.2	86.	0.4291	0.0000	0.7854	241.0	3.9
4829.	701.7	-7.1	4.0	3.4	-7.2	86.	0.3772	0.0000	0.7796	241.0	3.8
4892.	698.7	-7.1	4.0	3.4	-7.2	86.	0.3253	0.0000	0.7738	241.0	3.7
4954.	695.7	-7.1	4.0	3.4	-7.2	86.	0.2734	0.0000	0.7680	241.0	3.6
5017.	692.7	-7.1	4.0	3.4	-7.2	86.	0.2215	0.0000	0.7622	241.0	3.5
5079.	689.7	-7.1	4.0	3.4	-7.2	86.	0.1696	0.0000	0.7564	241.0	3.4
5142.	686.7	-7.1	4.0	3.4	-7.2	86.	0.1177	0.0000	0.7506	241.0	3.3
5204.	683.7	-7.1	4.0	3.4	-7.2	86.	0.0658	0.0000	0.7448	241.0	3.2
5267.	680.7	-7.1	4.0	3.4	-7.2	86.	0.0139	0.0000	0.7390	241.0	3.1
5329.	677.7	-7.1	4.0	3.4	-7.2	86.	0.0000	0.0000	0.7332	241.0	3.0
5392.	674.7	-7.1	4.0	3.4	-7.2	86.	0.0000	0.0000	0.7274	241.0	2.9
5454.	671.7	-7.1	4.0	3.4	-7.2	86.	0.0000	0.0000	0.7216	241.0	2.8
5517.	668.7	-7.1	4.0	3.4	-7.2	86.	0.0000	0.0000	0.7158	241.0	2.7
5579.	665.7	-7.1	4.0	3.4	-7.2	86.	0.0000	0.0000	0.7100	241.0	2.6
5642.	662.7	-7.1	4.0	3.4	-7.2	86.	0.0000	0.0000	0.7042	241.0	2.5
5704.	659.7	-7.1	4.0	3.4	-7.2	86.	0.0000	0.0000	0.6984	241.0	2.4
5767.	656.7	-7.1	4.0	3.4	-7.2	86.	0.0000	0.0000	0.6926	241.0	2.3
5829.	653.7	-7.1	4.0	3.4	-7.2	86.	0.0000	0.0000	0.6868	241.0	2.2
5892.	650.7	-7.1	4.0	3.4	-7.2	86.	0.0000	0.0000	0.6810	241.0	2.1
5954.	647.7	-7.1	4.0	3.4	-7.2	86.	0.0000	0.0000	0.6752	241.0	2.0
6017.	644.7	-7.1	4.0	3.4	-7.2	86.	0.0000	0.0000	0.6694	241.0	1.9
6079.	641.7	-7.1	4.0	3.4	-7.2	86.	0.0000	0.0000	0.6636	241.0	1.8
6142.	638.7	-7.1	4.0	3.4	-7.2	86.	0.0000	0.0000	0.6578	241.0	1.7
6204.	635.7	-7.1	4.0	3.4	-7.2	86.	0.0000	0.0000	0.6520	241.0	1.6
6267.	632.7	-7.1	4.0	3.4	-7.2	86.	0.0000	0.0000	0.6462	241.0	1.5
6329.	629.7	-7.1	4.0	3.4	-7.2	86.	0.0000	0.0000	0.6404	241.0	1.4
6392.	626.7	-7.1	4.0	3.4	-7.2	86.	0.0000	0.0000	0.6346	241.0	1.3
6454.	623.7	-7.1	4.0	3.4	-7.2	86.	0.0000	0.0000	0.6288	241.0	1.2
6517.	620.7	-7.1	4.0	3.4	-7.2	86.	0.0000	0.0000	0.6230	241.0	1.1
6579.	617.7	-7.1	4.0	3.4	-7.2	86.	0.0000	0.0000	0.6172	241.0	1.0
6642.	614.7	-7.1	4.0	3.4	-7.2	86.	0.0000	0.0000	0.6114	241.0	0.9
6704.	611.7	-7.1	4.0	3.4	-7.2	86.	0.0000	0.0000	0.6056	241.0	0.8
6767.	608.7	-7.1	4.0	3.4	-7.2	86.	0.0000	0.0000	0.6000	241.0	0.7
6829.	605.7	-7.1	4.0	3.4	-7.2	86.	0.0000	0.0000	0.5942	241.0	0.6
6892.	602.7	-7.1	4.0	3.4	-7.2	86.	0.0000	0.0000	0.5884	241.0	0.5
6954.	599.7	-7.1	4.0	3.4	-7.2	86.	0.0000	0.0000	0.5826	241.0	0.4
7017.	596.7	-7.1	4.0	3.4	-7.2	86.	0.0000	0.0000	0.5768	241.0	0.3
7079.	593.7	-7.1	4.0	3.4	-7.2	86.	0.0000	0.0000	0.5710	241.0	0.2
7142.	590.7	-7.1	4.0	3.4	-7.2	86.	0.0000	0.0000	0.5652	241.0	0.1
7204.	587.7	-7.1	4.0	3.4	-7.2	86.	0.0000	0.0000	0.5594	241.0	0.0
7267.	584.7	-7.1	4.0	3.4	-7.2	86.	0.0000	0.0000	0.5536	241.0	0.0
7329.	581.7	-7.1	4.0	3.4	-7.2	86.	0.0000	0.0000	0.5478	241.0	0.0
7392.	578.7	-7.1	4.0	3.4	-7.2	86.	0.0000	0.0000	0.5420	241.0	0.0
7454.	575.7	-7.1	4.0	3.4	-7.2	86.	0.0000	0.0000	0.5362	241.0	0.0
7517.	572.7	-7.1	4.0	3.4	-7.2	86.	0.0000	0.0000	0.5304	241.0	0.0
7579.	569.7	-7.1	4.0	3.4	-7.2	86.	0.0000	0.0000	0.5246	241.0	0.0
7642.											

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHGW (G/M+3)	RHO (KG/M+3)	D1R (DEG)	SPEED (M/S)
7647.	355.0	-47.0	30.8	30.9	-48.2	86.	0.0489	0.0471	0.5469	220.0	17.1
7696.	352.4	-47.4	30.9	31.0	-48.6	86.	0.0466	0.0450	0.5438	220.0	17.1
7745.	349.8	-47.6	31.0	31.1	-49.0	86.	0.0444	0.0429	0.5408	220.0	17.0
7790.	347.4	-48.2	31.1	31.1	-49.4	86.	0.0423	0.0410	0.5380	221.0	17.1
7834.	345.1	-48.5	31.3	31.3	-49.7	86.	0.0408	0.0396	0.5352	221.0	17.0
7881.	342.6	-48.8	31.5	31.5	-50.0	86.	0.0393	0.0382	0.5320	221.0	17.0
7929.	340.1	-49.1	31.7	31.7	-50.3	86.	0.0379	0.0369	0.5288	221.0	16.9
7976.	337.7	-49.6	31.7	31.7	-50.8	86.	0.0357	0.0347	0.5263	221.0	16.9
8022.	335.3	-50.0	31.7	31.8	-51.2	86.	0.0339	0.0331	0.5235	221.0	16.9
8067.	333.0	-50.3	31.9	31.9	-51.5	86.	0.0327	0.0320	0.5206	221.0	16.8
8112.	330.7	-50.7	32.0	32.0	-51.9	86.	0.0311	0.0305	0.5179	221.0	16.8
8156.	328.5	-51.1	32.1	32.1	-52.3	86.	0.0296	0.0290	0.5154	222.0	16.8
8201.	326.3	-51.5	32.3	32.3	-52.7	86.	0.0282	0.0277	0.5124	222.0	16.7
8247.	324.1	-52.1	32.5	32.5	-53.3	66.	0.0271	0.0267	0.5095	222.0	16.7
8297.	321.4	-52.5	32.6	32.6	-53.7	66.	0.0261	0.0257	0.5065	222.0	16.7
8341.	319.2	-52.9	32.7	32.7	-54.1	86.	0.0248	0.0245	0.5040	222.0	16.7
8388.	316.9	-53.2	32.7	32.7	-54.4	86.	0.0236	0.0233	0.5013	222.0	16.7
8431.	314.8	-53.6	32.9	32.9	-54.8	86.	0.0227	0.0225	0.4986	221.0	16.6
8476.	312.6	-53.9	32.9	32.9	-55.2	86.	0.0216	0.0214	0.4960	221.0	16.7
8519.	310.5	-54.3	33.1	33.1	-55.5	86.	0.0205	0.0204	0.4936	220.0	16.8
8560.	308.4	-54.6	33.2	33.2	-55.8	86.	0.0197	0.0197	0.4911	220.0	16.9
8604.	306.4	-54.9	33.3	33.3	-56.1	86.	0.0190	0.0189	0.4884	220.0	16.9
8652.	304.1	-55.2	33.4	33.4	-56.4	86.	0.0183	0.0182	0.4850	220.0	17.0
8699.	301.9	-55.5	33.4	33.4	-56.7	86.	0.0178	0.0178	0.4819	220.0	17.1
8743.	299.7	-55.8	33.5	33.5	-56.9	86.	0.0171	0.0171	0.4790	220.0	17.2
8786.	297.5	-56.1	33.6	33.6	-57.1	86.	0.0169	0.0169	0.4762	219.0	17.2
8831.	295.3	-56.4	33.7	33.7	-57.4	86.	0.0165	0.0165	0.4698	219.0	17.2
8878.	293.1	-56.7	33.8	33.8	-57.6	86.	0.0160	0.0160	0.4667	219.0	17.3
8926.	291.0	-57.0	33.9	33.9	-57.9	86.	0.0156	0.0156	0.4637	220.0	17.4
8972.	288.9	-57.3	34.0	34.0	-58.2	86.	0.0155	0.0155	0.4608	220.0	17.4
9016.	287.2	-57.6	34.1	34.1	-58.5	86.	0.0154	0.0154	0.4576	220.0	17.4
9063.	285.1	-57.9	34.2	34.2	-58.8	86.	0.0152	0.0152	0.4546	221.0	17.4
9107.	283.1	-58.2	34.3	34.3	-59.1	86.	0.0150	0.0150	0.4514	221.0	17.5
9150.	281.0	-58.5	34.4	34.4	-59.4	86.	0.0148	0.0148	0.4482	222.0	17.5
9200.	279.0	-58.8	34.5	34.5	-59.7	86.	0.0146	0.0146	0.4450	222.0	17.6
9248.	276.9	-59.1	34.6	34.6	-60.0	86.	0.0144	0.0144	0.4418	222.0	17.6
9294.	274.9	-59.4	34.7	34.7	-60.3	86.	0.0142	0.0142	0.4385	223.0	17.6
9342.	272.8	-59.7	34.8	34.8	-60.6	86.	0.0140	0.0140	0.4352	223.0	17.6
9389.	270.8	-60.0	34.9	34.9	-60.9	86.	0.0139	0.0139	0.4320	224.0	17.6
9436.	268.8	-60.3	35.0	35.0	-61.2	86.	0.0137	0.0137	0.4288	224.0	17.5
9481.	266.8	-60.6	35.1	35.1	-61.5	86.	0.0135	0.0135	0.4257	225.0	17.6
9528.	264.8	-60.9	35.2	35.2	-61.8	86.	0.0134	0.0134	0.4224	225.0	17.6
9574.	262.8	-61.2	35.3	35.3	-62.1	86.	0.0132	0.0132	0.4199	225.0	17.5
9619.	261.3	-61.5	35.4	35.4	-62.4	86.	0.0130	0.0130	0.4179	225.0	17.5
9665.	259.5	-61.8	35.5	35.5	-62.7	86.	0.0128	0.0128	0.4154	226.0	17.5
9709.	257.6	-62.1	35.6	35.6	-63.0	86.	0.0126	0.0126	0.4119	226.0	17.4
9752.	255.7	-62.4	35.7	35.7	-63.3	86.	0.0124	0.0124	0.4085	227.0	17.5
9797.	253.9	-62.7	35.8	35.8	-63.6	86.	0.0122	0.0122	0.4050	227.0	17.4
9843.	252.1	-63.0	35.9	35.9	-63.9	86.	0.0120	0.0120	0.4019	228.0	17.4
9889.	250.4	-63.3	36.0	36.0	-64.2	86.	0.0118	0.0118	0.3990	228.0	17.4
9933.	248.8	-63.6	36.1	36.1	-64.5	86.	0.0116	0.0116	0.3965	229.0	17.3
9978.	247.2	-63.9	36.2	36.2	-64.8	86.	0.0114	0.0114	0.3942	230.0	17.3
10022.	245.6	-64.2	36.3	36.3	-65.1	86.	0.0112	0.0112	0.3916	230.0	17.3
10067.	244.0	-64.5	36.4	36.4	-65.4	86.	0.0110	0.0110	0.3891	231.0	17.1
10112.	242.4	-64.8	36.5	36.5	-65.7	86.	0.0108	0.0108	0.3865	231.0	17.3
10156.	240.8	-65.1	36.6	36.6	-66.0	86.	0.0106	0.0106	0.3841	231.0	17.1
10201.	239.2	-65.4	36.7	36.7	-66.3	86.	0.0104	0.0104	0.3817	231.0	17.2
10245.	237.6	-65.7	36.8	36.8	-66.6	86.	0.0102	0.0102	0.3786	231.0	17.2
10290.	236.0	-66.0	36.9	36.9	-66.9	86.	0.0100	0.0100	0.3756	230.0	17.2
10334.	234.4	-66.3	37.0	37.0	-67.2	86.	0.0098	0.0098	0.3723	230.0	17.1
10379.	232.8	-66.6	37.1	37.1	-67.5	86.	0.0096	0.0096	0.3687	230.0	17.0
10424.	231.2	-66.9	37.2	37.2	-67.8	86.	0.0094	0.0094			

SOUNDING 54.0
 LATITUDE -86.3 LONGITUDE 0.3
 DATE 11-10-61 TIME 2344 GMT
 NUMBER OF LEVELS 402

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHGW (G/M+3)	RHO (KG/M+3)	D1R (DEG)	SPEED (M/S)
1047.	1007.5	-2.8	-3.4	-3.5	-5.0	83.	4.0362	3.2614	1.3315	353.0	7.0
1092.	1000.4	-3.0	-3.6	-3.7	-5.2	83.	3.9647	3.2092	1.2932	349.0	6.9
1137.	993.1	-3.2	-3.8	-3.9	-5.4	83.	3.8364	3.1072	1.2863	345.0	7.3
1183.	986.9	-3.4	-4.0	-4.1	-5.6	83.	3.6778	2.9839	1.2799	344.0	7.6
1214.	984.6	-3.6	-4.2	-4.3	-5.8	83.	3.5248	2.8650	1.2739	341.0	8.1
1264.	974.3	-4.2	-4.8	-4.9	-6.4	83.	3.3776	2.7505	1.2660	340.0	8.2
1311.	967.7	-4.4	-5.0	-5.1	-6.6	83.	3.2166	2.6401	1.2617	339.0	8.2
1373.	961.2	-4.6	-5.2	-5.3	-6.8	83.	3.1267	2.5546	1.2550	337.0	8.2
1422.	954.4	-4.8	-5.4	-5.5	-7.0	83.	3.0094	2.4514	1.2490	336.0	8.1
1474.	947.6	-5.0	-5.6	-5.7	-7.2	83.	2.9140	2.3913	1.2421	335.0	8.1
1521.	942.4	-5.2	-5.8	-5.9	-7.4	83.	2.8528	2.3715	1.2345	334.0	7.5
1581.	935.7	-5.4	-6.0	-6.1	-7.6	83.	2.7846	2.3115	1.2249	334.0	7.7
1634.	924.9	-5.6	-6.2	-6.3	-7.8	82.	2.7309	2.2916	1.1956	333.0	7.6
1689.	920.1	-5.7	-6.3	-6.4	-7.9	82.	2.6931	2.2500	1.1784	333.0	7.5
1744.	915.7	-5.8	-6.4	-6.5	-8.0	82.	2.6699	2.2683	1.1696	333.0	7.3
1811.	910.1	-5.9	-6.5	-6.6	-8.1	82.	2.6486	2.3177	1.1609	330.0	7.3
1880.	904.1	-6.0	-6.6	-6.7	-8.2	82.	2.6397	2.2882	1.1535	329.0	7.1
1950.	898.1	-6.1	-6.7	-6.8	-8.3	82.	2.6296	2.2297	1.1467	328.0	7.0
2021.	891.8	-6.2	-6.8	-6.9	-8.4	82.	2.6166	2.1719	1.1394	327.0	6.9
2093.	885.5	-6.3	-6.9	-7.0	-8.5	82.	2.6064	2.1330	1.1330	322.0	6.9
2167.	877.0	-6.4	-7.0	-7.1	-8.6	82.	2.5904	2.0923	1.1262	320.0	6.8
2243.	869.2	-6.5	-7.1	-7.2	-8.7	82.	2.5746	2.0508	1.1198	318.0	6.6
2321.	860.4	-6.6	-7.2	-7.3	-8.8	82.	2.5593	2.0098	1.1129	317.0	6.7
2401.	851.8	-6.7	-7.3	-7.4	-8.9	82.	2.5443	1.9693	1.1059	315.0	6.7
2483.	843.1	-6.8	-7.4	-7.5	-9.0	82.	2.5297	1.9274	1.1001	312.0	6.6
2567.	834.5	-6.9	-7.5	-7.6	-9.1	82.	2.5155	1.8869	1.0945	310.0	6.8
2653.	826.0	-7.0	-7.6	-7.7	-9.2	82.	2.5016	1.8479	1.0879	309.0	6.8
2741.	817.7	-7.1	-7.7	-7.8	-9.3	82.	2.4880	1.8094	1.0796	309.0	6.9
2831.	809.4	-7.2	-7.8	-7.9	-9.4	82.	2.4747	1.7723	1.0709	307.0	7.1
2923.	801.1	-7.3	-7.9	-8.0	-9.5	82.	2.4617	1.7366	1.0619	307.0	7.2
3017.	792.8	-7.4	-8.0	-8.1	-9.6	82.	2.4490	1.7023	1.0534	307.0	7.4
3113.	784.5	-7.5	-8.1	-8.2	-9.7	82.	2.4366	1.6694	1.0454	306.0	7.5
3211.	776.2	-7.6	-8.2	-8.3	-9.8	82.	2.4245	1.6378	1.0386	305.0	7.6
3311.	767.9	-7.7	-8.3	-8.4	-9.9	82.	2.4126	1.6075	1.0312	305.0	7.8
3413.	759.6	-7.8	-8.4	-8.5	-10.0	82.	2.4010	1.5785	1.0241	305.0	7.9

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3-RHCV (G/M+3)	RHO (KG/M+3)	DIR (DEG)	SPEED (M/S)
1984.	786.5	-2.8	18.4	17.0	-3.4	95.	4.6154	3.7075	1.0172	324.0	8.1
2021.	780.8	-3.3	16.8	17.4	-3.7	94.	4.4995	3.6115	1.0105	324.0	8.2
2078.	775.2	-3.3	17.1	17.7	-4.2	93.	4.3317	3.4893	1.0042	324.0	8.3
2135.	769.7	-3.5	17.4	18.0	-4.4	93.	4.2590	3.4333	0.9978	324.0	8.4
2189.	764.4	-3.7	17.8	18.4	-4.7	92.	4.1425	3.3434	0.9916	324.0	8.4
2240.	759.5	-3.8	18.2	18.8	-4.9	91.	4.0626	3.2818	0.9856	324.0	8.4
2292.	754.5	-4.1	18.4	19.0	-5.3	90.	3.9171	3.1692	0.9801	324.0	8.4
2344.	749.9	-4.5	18.6	19.1	-5.7	89.	3.7866	3.0677	0.9749	323.0	8.4
2396.	744.6	-4.8	18.8	19.3	-6.2	89.	3.6493	2.9617	0.9696	323.0	8.4
2451.	739.4	-5.1	19.0	19.5	-6.6	88.	3.5164	2.8588	0.9638	323.0	8.5
2516.	733.9	-5.6	19.4	19.8	-7.3	87.	3.3799	2.7817	0.9573	323.0	8.5
2572.	728.5	-5.8	20.0	20.7	-7.7	85.	3.1886	2.6109	0.9446	323.0	8.5
2628.	723.7	-6.1	20.7	21.1	-7.9	84.	3.1341	2.5603	0.9381	323.0	7.8
2737.	712.9	-6.1	21.1	21.5	-8.1	84.	3.0805	2.5184	0.9325	323.0	7.7
2753.	707.8	-6.2	21.5	22.2	-8.3	83.	3.0176	2.4692	0.9261	323.0	7.5
2846.	702.8	-6.4	22.1	22.9	-8.7	82.	2.9322	2.4007	0.9202	323.0	7.2
2921.	698.1	-6.5	22.3	23.3	-8.9	81.	2.8695	2.3530	0.9144	323.0	7.1
2952.	693.5	-6.7	22.7	23.5	-9.5	80.	2.7854	2.2876	0.9090	323.0	6.9
3002.	688.9	-7.1	23.1	23.7	-9.9	80.	2.7138	2.2337	0.9042	323.0	6.7
3052.	684.2	-7.3	23.5	23.7	-10.6	79.	2.6119	2.1497	0.8994	323.0	6.6
3103.	680.2	-7.7	23.5	23.7	-10.4	78.	2.5114	2.0712	0.8944	323.0	6.6
3153.	675.4	-8.1	23.5	23.7	-11.1	77.	2.4132	1.9644	0.8897	323.0	6.6
3203.	670.6	-8.6	23.5	23.7	-12.1	76.	2.2415	1.8579	0.8848	323.0	6.6
3253.	665.7	-9.0	24.0	24.6	-12.7	75.	2.0436	1.7082	0.8747	323.0	6.1
3303.	660.7	-9.5	24.0	24.6	-13.3	74.	1.9461	1.6225	0.8693	323.0	6.0
3353.	655.7	-10.4	24.0	24.6	-14.5	73.	1.8343	1.5347	0.8646	323.0	5.8
3403.	650.8	-11.0	24.0	24.6	-14.9	72.	1.7321	1.4512	0.8598	323.0	5.6
3453.	645.8	-11.3	24.0	24.6	-15.1	71.	1.6476	1.3836	0.8550	323.0	5.4
3503.	640.8	-11.6	24.0	24.6	-15.7	70.	1.5583	1.3074	0.8501	323.0	5.2
3553.	635.2	-12.2	24.0	24.6	-16.1	70.	1.4943	1.2633	0.8452	323.0	5.0
3603.	629.4	-12.7	24.0	24.6	-16.7	68.	1.4118	1.1926	0.8404	323.0	4.7
3653.	623.8	-13.1	24.0	24.6	-17.4	68.	1.3411	1.1369	0.8354	323.0	4.4
3703.	618.1	-13.6	24.0	24.6	-17.1	67.	1.2822	1.0723	0.8311	323.0	4.2
3753.	612.4	-14.0	24.0	24.6	-16.8	62.	1.2451	1.0263	0.8265	323.0	4.0
3803.	606.6	-14.5	24.0	24.6	-16.1	61.	1.1859	0.9822	0.8222	323.0	3.8
3853.	600.9	-15.0	24.0	24.6	-17.3	59.	1.1334	0.9335	0.8172	323.0	3.5
3903.	595.1	-15.3	24.0	24.6	-17.7	58.	1.0804	0.8804	0.8121	323.0	3.3
3953.	589.4	-15.6	24.0	24.6	-18.2	57.	1.0231	0.8397	0.8070	323.0	3.0
4003.	583.7	-16.3	24.0	24.6	-18.7	57.	0.9949	0.8099	0.8023	323.0	2.8
4053.	578.0	-16.3	24.0	24.6	-19.2	56.	0.9528	0.7952	0.7978	323.0	2.6
4103.	572.3	-16.8	24.0	24.6	-20.8	55.	0.8996	0.7336	0.7336	323.0	2.3
4153.	566.6	-17.1	24.0	24.6	-20.5	54.	0.8645	0.7886	0.7886	323.0	2.1
4203.	560.9	-17.6	24.0	24.6	-20.0	54.	0.8490	0.7833	0.7833	323.0	1.9
4253.	555.2	-17.6	24.0	24.6	-21.8	53.	0.8156	0.7789	0.7789	323.0	1.7
4303.	549.5	-18.3	24.0	24.6	-21.5	52.	0.7834	0.7743	0.7743	323.0	1.5
4353.	543.8	-18.3	24.0	24.6	-22.2	51.	0.7454	0.7705	0.7705	323.0	1.3
4403.	538.1	-18.3	24.0	24.6	-22.7	50.	0.7165	0.7665	0.7665	323.0	1.1
4453.	532.4	-18.3	24.0	24.6	-22.7	49.	0.6861	0.7624	0.7624	323.0	0.9
4503.	526.7	-18.3	24.0	24.6	-24.0	47.	0.6434	0.7501	0.7544	323.0	0.7
4553.	521.0	-18.3	24.0	24.6	-24.0	47.	0.6515	0.7509	0.7509	323.0	0.5
4603.	515.3	-18.3	24.0	24.6	-25.7	45.	0.5474	0.6474	0.7474	323.0	0.3
4653.	509.6	-21.7	24.0	24.6	-25.7	45.	0.5196	0.5196	0.7432	323.0	0.1
4703.	503.9	-21.7	24.0	24.6	-26.2	44.	0.5372	0.4933	0.7392	323.0	0.1
4753.	498.2	-21.7	24.0	24.6	-26.7	43.	0.5372	0.4725	0.7351	323.0	0.1
4803.	492.5	-21.7	24.0	24.6	-27.1	42.	0.5437	0.4524	0.7311	323.0	0.1
4853.	486.8	-21.7	24.0	24.6	-27.1	41.	0.4433	0.4333	0.7268	323.0	0.1
4903.	481.1	-21.7	24.0	24.6	-27.1	40.	0.4433	0.4066	0.7223	323.0	0.1
4953.	475.4	-21.7	24.0	24.6	-27.1	39.	0.4433	0.3728	0.7182	323.0	0.1
5003.	469.7	-21.7	24.0	24.6	-27.1	38.	0.4433	0.3400	0.7155	323.0	0.1
5053.	464.0	-21.7	24.0	24.6	-27.1	37.	0.3400	0.3400	0.7111	323.0	0.1
5103.	458.3	-21.7	24.0	24.6	-27.1	36.	0.3400	0.3400	0.7076	323.0	0.1
5153.	452.6	-21.7	24.0	24.6	-27.1	35.	0.3400	0.3400	0.7034	323.0	0.1
5203.	446.9	-21.7	24.0	24.6	-27.1	34.	0.3400	0.3400	0.6994	323.0	0.1
5253.	441.2	-21.7	24.0	24.6	-27.1	33.	0.3400	0.3400	0.6957	323.0	0.1
5303.	435.5	-21.7	24.0	24.6	-27.1	32.	0.3400	0.3400	0.6915	323.0	0.1
5353.	429.8	-21.7	24.0	24.6	-27.1	31.	0.3400	0.3400	0.6884	323.0	0.1
5403.	424.1	-21.7	24.0	24.6	-27.1	30.	0.3400	0.3400	0.6853	323.0	0.1
5453.	418.4	-21.7	24.0	24.6	-27.1	29.	0.3400	0.3400	0.6826	323.0	0.1
5503.	412.7	-21.7	24.0	24.6	-27.1	28.	0.3400	0.3400	0.6798	323.0	0.1
5553.	407.0	-21.7	24.0	24.6	-27.1	27.	0.3400	0.3400	0.6764	323.0	0.1
5603.	401.3	-21.7	24.0	24.6	-27.1	26.	0.3400	0.3400	0.6741	323.0	0.1
5653.	395.6	-21.7	24.0	24.6	-27.1	25.	0.3400	0.3400	0.6716	323.0	0.1
5703.	389.9	-21.7	24.0	24.6	-27.1	24.	0.3400	0.3400	0.6691	323.0	0.1
5753.	384.2	-21.7	24.0	24.6	-27.1	23.	0.3400	0.3400	0.6661	323.0	0.1
5803.	378.5	-21.7	24.0	24.6	-27.1	22.	0.3400	0.3400	0.6635	323.0	0.1
5853.	372.8	-21.7	24.0	24.6	-27.1	21.	0.3400	0.3400	0.6608	323.0	0.1
5903.	367.1	-21.7	24.0	24.6	-27.1	20.	0.3400	0.3400	0.6581	323.0	0.1
5953.	361.4	-21.7	24.0	24.6	-27.1	19.	0.3400	0.3400	0.6551	323.0	0.1
6003.	355.7	-21.7	24.0	24.6	-27.1	18.	0.3400	0.3400	0.6516	323.0	0.1
6053.	350.0	-21.7	24.0	24.6	-27.1	17.	0.3400	0.3400	0.6482	323.0	0.1
6103.	344.3	-21.7	24.0	24.6	-27.1	16.	0.3400	0.3400	0.6448	323.0	0.1
6153.	338.6	-21.7	24.0	24.6	-27.1	15.	0.3400	0.3400	0.6414	323.0	0.1
6203.	332.9	-21.7	24.0	24.6	-27.1	14.	0.3400	0.3400	0.6380	323.0	0.1
6253.	327.2	-21.7	24.0	24.6	-27.1	13.	0.3400	0.3400	0.6346	323.0	0.1
6303.	321.5	-21.7	24.0	24.6	-27.1	12.	0.3400	0.3400	0.6311	323.0	0.1
6353.	315.8	-21.7	24.0	24.6	-27.1	11.	0.3400	0.3400	0.6277	323.0	0.1
6403.	310.1	-21.7	24.0	24.6	-27.1	10.	0.3400	0.3400	0.6243	323.0	0.1
6453.	304.4	-21.7	24.0	24.6	-27.1	9.	0.3400	0.3400	0.6209	323.0	0.1
6503.	298.7	-21.7	24.0	24.6	-27.1	8.	0.3400	0.3400	0.6175	323.0	0.1
6553.	293.0	-21.7	24.0	24.6	-27.1	7.	0.3400	0.3400	0.6141	323.0	0.1
6603.	287.3	-21.7	24.0	24.6	-27.1	6.	0.3400	0.3400	0.6107	323.0	0.1
6653.	281.6	-21.7	24.0	24.6	-27.1	5.	0.3400	0.3400	0.6073	323.0	0.1
6703.	275.9	-21.7	24.0	24.6	-27.1	4.	0.3400	0.3400	0.6039	323.0	0.1
6753.	270.2	-21.7	24.0	24.6	-27.1	3.	0.3400	0.3400	0.6005	323.0	0.1
6803.	264.5	-21.7	24.0	24.6	-27.1	2.	0.3400	0.3400	0.5971	323.0	0.1
6853.	258.8	-21.7	24.0	24.6	-27.1	1.	0.3400	0.3400	0.5937	323.0	0.1
6903.	253.1	-21.7	24.0	24.6	-27.1	0.	0.3400	0.3400	0.5903	323.0	0.1
6953.	247.4	-21.7	24.0	24.6	-27.1	-1.	0.3400	0.3400	0.5869	323.0	0.1
7003.	241.7	-21.7	24.0	24.6	-27.1	-2.	0.3400	0.3400	0.5835	323.0	0.1
7053.	236.0	-21.7	24.0	24.6	-27.1	-3.	0.3400	0.3400	0.5801	323.0	0.1
7103.	230.3	-21.7	24.0	24.6	-27.1	-4.	0.3400	0.3400	0.5767	323.0	0.1
7153.	224.6	-21.7	24.0	24.6	-27.1	-5.	0.3400	0.3400	0.5733	323.0	0.1
7203.	218.9	-21.7	24.0	24.6	-27.1	-6.	0.3400	0.3400	0.5699	323.0	0.1
7253.	213.2	-21.7	24.0	24.6	-27.1	-7.	0.3400	0.3400	0.5665	323.0	0.1

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HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3-RHGW (G/M+3)	RHO (KG/M+3)	DIR (DEG)	SPEED (K/S)
111.1	101.1	-1.1	71.1	71.1	-1.1	85.1	0.0105	0.0107	0.0107	263.0	18.4
112.2	101.2	-1.2	71.2	71.2	-1.2	85.2	0.0106	0.0108	0.0108	263.0	18.4
113.3	101.3	-1.3	71.3	71.3	-1.3	85.3	0.0107	0.0109	0.0109	263.0	18.4
114.4	101.4	-1.4	71.4	71.4	-1.4	85.4	0.0108	0.0110	0.0110	263.0	18.4
115.5	101.5	-1.5	71.5	71.5	-1.5	85.5	0.0109	0.0111	0.0111	263.0	18.4
116.6	101.6	-1.6	71.6	71.6	-1.6	85.6	0.0110	0.0112	0.0112	263.0	18.4
117.7	101.7	-1.7	71.7	71.7	-1.7	85.7	0.0111	0.0113	0.0113	263.0	18.4
118.8	101.8	-1.8	71.8	71.8	-1.8	85.8	0.0112	0.0114	0.0114	263.0	18.4
119.9	101.9	-1.9	71.9	71.9	-1.9	85.9	0.0113	0.0115	0.0115	263.0	18.4
120.0	102.0	-2.0	72.0	72.0	-2.0	86.0	0.0114	0.0116	0.0116	263.0	18.4
121.1	102.1	-2.1	72.1	72.1	-2.1	86.1	0.0115	0.0117	0.0117	263.0	18.4
122.2	102.2	-2.2	72.2	72.2	-2.2	86.2	0.0116	0.0118	0.0118	263.0	18.4
123.3	102.3	-2.3	72.3	72.3	-2.3	86.3	0.0117	0.0119	0.0119	263.0	18.4
124.4	102.4	-2.4	72.4	72.4	-2.4	86.4	0.0118	0.0120	0.0120	263.0	18.4
125.5	102.5	-2.5	72.5	72.5	-2.5	86.5	0.0119	0.0121	0.0121	263.0	18.4
126.6	102.6	-2.6	72.6	72.6	-2.6	86.6	0.0120	0.0122	0.0122	263.0	18.4
127.7	102.7	-2.7	72.7	72.7	-2.7	86.7	0.0121	0.0123	0.0123	263.0	18.4
128.8	102.8	-2.8	72.8	72.8	-2.8	86.8	0.0122	0.0124	0.0124	263.0	18.4
129.9	102.9	-2.9	72.9	72.9	-2.9	86.9	0.0123	0.0125	0.0125	263.0	18.4
130.0	103.0	-3.0	73.0	73.0	-3.0	87.0	0.0124	0.0126	0.0126	263.0	18.4
131.1	103.1	-3.1	73.1	73.1	-3.1	87.1	0.0125	0.0127	0.0127	263.0	18.4
132.2	103.2	-3.2	73.2	73.2	-3.2	87.2	0.0126	0.0128	0.0128	263.0	18.4
133.3	103.3	-3.3	73.3	73.3	-3.3	87.3	0.0127	0.0129	0.0129	263.0	18.4
134.4	103.4	-3.4	73.4	73.4	-3.4	87.4	0.0128	0.0130	0.0130	263.0	18.4
135.5	103.5	-3.5	73.5	73.5	-3.5	87.5	0.0129	0.0131	0.0131	263.0	18.4
136.6	103.6	-3.6	73.6	73.6	-3.6	87.6	0.0130	0.0132	0.0132	263.0	18.4
137.7	103.7	-3.7	73.7	73.7	-3.7	87.7	0.0131	0.0133	0.0133	263.0	18.4
138.8	103.8	-3.8	73.8	73.8	-3.8	87.8	0.0132	0.0134	0.0134	263.0	18.4
139.9	103.9	-3.9	73.9	73.9	-3.9	87.9	0.0133	0.0135	0.0135	263.0	18.4
140.0	104.0	-4.0	74.0	74.0	-4.0	88.0	0.0134	0.0136	0.0136	263.0	18.4
141.1	104.1	-4.1	74.1	74.1	-4.1	88.1	0.0135	0.0137	0.0137	263.0	18.4
142.2	104.2	-4.2	74.2	74.2	-4.2	88.2	0.0136	0.0138	0.0138	263.0	18.4
143.3	104.3	-4.3	74.3	74.3	-4.3	88.3	0.0137	0.0139	0.0139	263.0	18.4
144.4	104.4	-4.4	74.4	74.4	-4.4	88.4	0.0138	0.0140	0.0140	263.0	18.4
145.5	104.5	-4.5	74.5	74.5	-4.5	88.5	0.0139	0.0141	0.0141	263.0	18.4
146.6	104.6	-4.6	74.6	74.6	-4.6	88.6	0.0140	0.0142	0.0142	263.0	18.4
147.7	104.7	-4.7	74.7	74.7	-4.7	88.7	0.0141	0.0143	0.0143	263.0	18.4
148.8	104.8	-4.8	74.8	74.8	-4.8	88.8	0.0142	0.0144	0.0144	263.0	18.4
149.9	104.9	-4.9	74.9	74.9	-4.9	88.9	0.0143	0.0145	0.0145	263.0	18.4
150.0	105.0	-5.0	75.0	75.0	-5.0	89.0	0.0144	0.0146	0.0146	263.0	18.4
151.1	105.1	-5.1	75.1	75.1	-5.1	89.1	0.0145	0.0147	0.0147	263.0	18.4
152.2	105.2	-5.2	75.2	75.2	-5.2	89.2	0.0146	0.0148	0.0148	263.0	18.4
153.3	105.3	-5.3	75.3	75.3	-5.3	89.3	0.0147	0.0149	0.0149	263.0	18.4
154.4	105.4	-5.4	75.4	75.4	-5.4	89.4	0.0148	0.0150	0.0150	263.0	18.4
155.5	105.5	-5.5	75.5	75.5	-5.5	89.5	0.0149	0.0151	0.0151	263.0	18.4
156.6	105.6	-5.6	75.6	75.6	-5.6	89.6	0.0150	0.0152	0.0152	263.0	18.4
157.7	105.7	-5.7	75.7	75.7	-5.7	89.7	0.0151	0.0153	0.0153	263.0	18.4
158.8	105.8	-5.8	75.8	75.8	-5.8	89.8	0.0152	0.0154	0.0154	263.0	18.4
159.9	105.9	-5.9	75.9	75.9	-5.9	89.9	0.0153	0.0155	0.0155	263.0	18.4
160.0	106.0	-6.0	76.0	76.0	-6.0	90.0	0.0154	0.0156	0.0156	263.0	18.4
161.1	106.1	-6.1	76.1	76.1	-6.1	90.1	0.0155	0.0157	0.0157	263.0	18.4
162.2	106.2	-6.2	76.2	76.2	-6.2	90.2	0.0156	0.0158	0.0158	263.0	18.4
163.3	106.3	-6.3	76.3	76.3	-6.3	90.3	0.0157	0.0159	0.0159	263.0	18.4
164.4	106.4	-6.4	76.4	76.4	-6.4	90.4	0.0158	0.0160	0.0160	263.0	18.4
165.5	106.5	-6.5	76.5	76.5	-6.5	90.5	0.0159	0.0161	0.0161	263.0	18.4
166.6	106.6	-6.6	76.6	76.6	-6.6	90.6	0.0160	0.0162	0.0162	263.0	18.4
167.7	106.7	-6.7	76.7	76.7	-6.7	90.7	0.0161	0.0163	0.0163	263.0	18.4
168.8	106.8	-6.8	76.8	76.8	-6.8	90.8	0.0162	0.0164	0.0164	263.0	18.4
169.9	106.9	-6.9	76.9	76.9	-6.9	90.9	0.0163	0.0165	0.0165	263.0	18.4
170.0	107.0	-7.0	77.0	77.0	-7.0	91.0	0.0164	0.0166	0.0166	263.0	18.4
171.1	107.1	-7.1	77.1	77.1	-7.1	91.1	0.0165	0.0167	0.0167	263.0	18.4
172.2	107.2	-7.2	77.2	77.2	-7.2	91.2	0.0166	0.0168	0.0168	263.0	18.4
173.3	107.3	-7.3	77.3	77.3	-7.3	91.3	0.0167	0.0169	0.0169	263.0	18.4
174.4	107.4	-7.4	77.4	77.4	-7.4	91.4	0.0168	0.0170	0.0170	263.0	18.4
175.5	107.5	-7.5	77.5	77.5	-7.5	91.5	0.0169	0.0171	0.0171	263.0	18.4
176.6	107.6	-7.6	77.6	77.6	-7.6	91.6	0.0170	0.0172	0.0172	263.0	18.4
177.7	107.7	-7.7	77.7	77.7	-7.7	91.7	0.0171	0.0173	0.0173	263.0	18.4
178.8	107.8	-7.8	77.8	77.8	-7.8	91.8	0.0172	0.0174	0.0174	263.0	18.4
179.9	107.9	-7.9	77.9	77.9	-7.9	91.9	0.0173	0.0175	0.0175	263.0	18.4
180.0	108.0	-8.0	78.0	78.0	-8.0	92.0	0.0174	0.0176	0.0176	263.0	18.4
181.1	108.1	-8.1	78.1	78.1	-8.1	92.1	0.0175	0.0177	0.0177	263.0	18.4
182.2	108.2	-8.2	78.2	78.2	-8.2	92.2	0.0176	0.0178	0.0178	263.0	18.4
183.3	108.3	-8.3	78.3	78.3	-8.3	92.3	0.0177	0.0179	0.0179	263.0	18.4
184.4	108.4	-8.4	78.4	78.4	-8.4	92.4	0.0178	0.0180	0.0180	263.0	18.4
185.5	108.5	-8.5	78.5	78.5	-8.5	92.5	0.0179	0.0181	0.0181	263.0	18.4
186.6	108.6	-8.6	78.6	78.6	-8.6	92.6	0.0180	0.0182	0.0182	263.0	18.4
187.7	108.7	-8.7	78.7	78.7	-8.7	92.7	0.0181	0.0183	0.0183	263.0	18.4
188.8	108.8	-8.8	78.8	78.8	-8.8	92.8	0.0182	0.0184	0.0184	263.0	18.4
189.9	108.9	-8.9	78.9	78.9	-8.9	92.9	0.0183	0.0185	0.0185	263.0	18.4
190.0	109.0	-9.0	79.0	79.0	-9.0	93.0	0.0184	0.0186	0.0186	263.0	18.4
191.1	109.1	-9.1	79.1	79.1	-9.1	93.1	0.0185	0.0187	0.0187	263.0	18.4
192.2	109.2	-9.2	79.2	79.2	-9.2	93.2	0.0186	0.0188	0.0188	263.0	18.4
193.3	109.3	-9.3	79.3	79.3	-9.3	93.3	0.0187	0.0189	0.0189	263.0	18.4
194.4	109.4	-9.4	79.4	79.4	-9.4	93.4	0.0188	0.0190	0.0190	263.0	18.4
195.5	109.5	-9.5	79.5	79.5	-9.5	93.5	0.0189	0.0191	0.0191	263.0	18.4
196.6	109.6	-9.6	79.6	79.6	-9.6	93.6	0.0190	0.0192	0.0192	263.0	18.4
197.7	109.7	-9.7	79.7	79.7	-9.7	93.7	0.0191	0.0193	0.0193	263.0	18.4
198.8	109.8	-9.8	79.8	79.8	-9.8	93.8	0.0192	0.0194	0.0194	263.0	18.4
199.9	109.9	-9.9	79.9	79.9	-9.9	93.9	0.0193	0.0195	0.0195	263.0	18.4
200.0	110.0	-10.0	80.0	80.0	-10.0	94.0	0.0194	0.0196	0.0196	263.0	18.4

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MM)	1E+3*RHQW (G/4+3)	RHO (KG/4+3)	DIP (DEG)	SPEED (M/S)
16364.	91.4	-60.6	147.6	147.6	-61.8	85.	0.0085	0.0087	0.1498	265.0	31.6
16412.	90.7	-61.2	148.1	148.1	-62.1	85.	0.0081	0.0083	0.1489	265.0	31.6
16460.	90.0	-61.8	148.5	148.5	-62.4	85.	0.0078	0.0080	0.1479	265.0	31.6
16508.	89.3	-61.1	149.4	149.4	-62.7	85.	0.0075	0.0077	0.1468	265.0	31.6
16556.	88.6	-61.1	150.1	150.1	-62.7	85.	0.0075	0.0077	0.1458	265.0	31.6
16604.	87.9	-61.1	151.6	151.6	-62.3	85.	0.0079	0.0081	0.1445	265.0	31.6
16652.	87.3	-61.1	152.4	152.4	-62.3	85.	0.0079	0.0081	0.1434	265.0	31.6
16699.	86.6	-61.4	153.7	153.7	-62.6	85.	0.0076	0.0078	0.1425	265.0	31.6
16742.	86.0	-61.6	153.2	153.2	-62.8	85.	0.0074	0.0076	0.1416	265.0	31.6
16785.	85.4	-61.9	153.6	153.6	-63.0	85.	0.0072	0.0074	0.1408	265.0	31.6
16828.	84.8	-61.3	154.3	154.3	-63.1	85.	0.0071	0.0073	0.1398	265.0	31.6
16871.	84.2	-61.9	155.2	155.2	-63.1	85.	0.0071	0.0073	0.1389	265.0	31.6
16917.	83.6	-61.6	156.4	156.4	-62.7	85.	0.0075	0.0077	0.1376	265.0	31.6
16961.	83.0	-61.1	158.7	158.7	-62.2	85.	0.0080	0.0082	0.1363	265.0	31.6
17006.	82.4	-60.6	160.7	160.7	-61.7	85.	0.0086	0.0088	0.1350	265.0	31.6
17052.	81.8	-60.1	162.4	162.4	-61.3	85.	0.0094	0.0096	0.1338	265.0	31.6
17098.	81.2	-59.6	163.9	163.9	-61.0	85.	0.0096	0.0098	0.1326	265.0	31.6
17144.	80.6	-59.9	165.2	165.2	-60.9	85.	0.0096	0.0098	0.1314	265.0	31.6
17190.	80.0	-59.7	166.1	166.1	-60.8	85.	0.0096	0.0098	0.1304	265.0	31.6
17236.	79.3	-59.6	167.1	167.1	-60.7	85.	0.0096	0.0098	0.1294	265.0	31.6
17283.	78.7	-59.5	168.5	168.5	-60.7	85.	0.0098	0.0100	0.1283	265.0	31.6
17329.	78.1	-59.5	169.4	169.4	-60.7	85.	0.0098	0.0100	0.1274	265.0	31.6
17376.	77.5	-59.6	170.2	170.2	-60.8	85.	0.0097	0.0099	0.1264	265.0	31.6
17423.	76.9	-59.6	171.2	171.2	-60.8	85.	0.0097	0.0099	0.1255	265.0	31.6
17470.	76.3	-59.6	172.0	172.0	-60.8	85.	0.0097	0.0099	0.1246	265.0	31.6
17517.	75.7	-59.6	173.0	173.0	-60.8	85.	0.0097	0.0099	0.1237	265.0	31.6
17564.	75.1	-59.5	174.2	174.2	-60.7	85.	0.0098	0.0100	0.1226	265.0	31.6
17611.	74.4	-59.4	175.1	175.1	-60.7	85.	0.0098	0.0100	0.1218	265.0	31.6
17658.	73.8	-59.4	176.2	176.2	-60.6	85.	0.0100	0.0102	0.1209	265.0	31.6
17705.	73.2	-59.3	177.4	177.4	-60.4	85.	0.0101	0.0103	0.1199	265.0	31.6
17752.	72.6	-59.2	178.5	178.5	-60.2	85.	0.0102	0.0104	0.1189	265.0	31.6
17799.	72.0	-59.1	179.8	179.8	-60.0	85.	0.0103	0.0105	0.1179	265.0	31.6
17846.	71.4	-59.0	181.1	181.1	-59.9	85.	0.0104	0.0106	0.1169	265.0	31.6
17893.	70.8	-58.9	182.7	182.7	-59.7	85.	0.0112	0.0114	0.1152	265.0	31.6
17940.	70.2	-58.8	184.2	184.2	-59.4	85.	0.0117	0.0119	0.1133	265.0	31.6
17987.	69.6	-58.7	185.8	185.8	-59.1	85.	0.0122	0.0124	0.1114	265.0	31.6
18034.	69.0	-58.6	187.4	187.4	-58.8	85.	0.0127	0.0129	0.1095	265.0	31.6
18081.	68.4	-58.5	189.0	189.0	-58.5	85.	0.0130	0.0132	0.1076	265.0	31.6
18128.	67.8	-58.4	190.4	190.4	-58.2	85.	0.0133	0.0135	0.1057	265.0	31.6
18175.	67.2	-58.3	191.7	191.7	-57.9	85.	0.0136	0.0138	0.1038	265.0	31.6
18222.	66.6	-58.2	193.4	193.4	-57.6	85.	0.0139	0.0141	0.1019	265.0	31.6
18269.	66.0	-58.1	194.8	194.8	-57.3	85.	0.0142	0.0144	0.0999	265.0	31.6
18316.	65.4	-58.0	196.4	196.4	-56.9	85.	0.0144	0.0146	0.0979	265.0	31.6
18363.	64.8	-57.9	197.4	197.4	-56.6	85.	0.0146	0.0148	0.0959	265.0	31.6
18410.	64.2	-57.8	198.4	198.4	-56.3	85.	0.0148	0.0150	0.0939	265.0	31.6
18457.	63.6	-57.7	199.4	199.4	-56.0	85.	0.0150	0.0152	0.0919	265.0	31.6
18504.	63.0	-57.6	200.4	200.4	-55.7	85.	0.0152	0.0154	0.0899	265.0	31.6
18551.	62.4	-57.5	201.4	201.4	-55.4	85.	0.0154	0.0156	0.0879	265.0	31.6
18598.	61.8	-57.4	202.4	202.4	-55.1	85.	0.0156	0.0158	0.0859	265.0	31.6
18645.	61.2	-57.3	203.4	203.4	-54.8	85.	0.0158	0.0160	0.0839	265.0	31.6
18692.	60.6	-57.2	204.4	204.4	-54.5	85.	0.0160	0.0162	0.0819	265.0	31.6
18739.	60.0	-57.1	205.4	205.4	-54.2	85.	0.0162	0.0164	0.0799	265.0	31.6
18786.	59.4	-57.0	206.4	206.4	-53.9	85.	0.0164	0.0166	0.0779	265.0	31.6
18833.	58.8	-56.9	207.4	207.4	-53.6	85.	0.0166	0.0168	0.0759	265.0	31.6
18880.	58.2	-56.8	208.4	208.4	-53.3	85.	0.0168	0.0170	0.0739	265.0	31.6
18927.	57.6	-56.7	209.4	209.4	-53.0	85.	0.0170	0.0172	0.0719	265.0	31.6
18974.	57.0	-56.6	210.4	210.4	-52.7	85.	0.0172	0.0174	0.0699	265.0	31.6
19021.	56.4	-56.5	211.4	211.4	-52.4	85.	0.0174	0.0176	0.0679	265.0	31.6
19068.	55.8	-56.4	212.4	212.4	-52.1	85.	0.0176	0.0178	0.0659	265.0	31.6
19115.	55.2	-56.3	213.4	213.4	-51.8	85.	0.0178	0.0180	0.0639	265.0	31.6
19162.	54.6	-56.2	214.4	214.4	-51.5	85.	0.0180	0.0182	0.0619	265.0	31.6
19209.	54.0	-56.1	215.4	215.4	-51.2	85.	0.0182	0.0184	0.0599	265.0	31.6
19256.	53.4	-56.0	216.4	216.4	-50.9	85.	0.0184	0.0186	0.0579	265.0	31.6
19303.	52.8	-55.9	217.4	217.4	-50.6	85.	0.0186	0.0188	0.0559	265.0	31.6
19350.	52.2	-55.8	218.4	218.4	-50.3	85.	0.0188	0.0190	0.0539	265.0	31.6
19397.	51.6	-55.7	219.4	219.4	-50.0	85.	0.0190	0.0192	0.0519	265.0	31.6
19444.	51.0	-55.6	220.4	220.4	-49.7	85.	0.0192	0.0194	0.0499	265.0	31.6
19491.	50.4	-55.5	221.4	221.4	-49.4	85.	0.0194	0.0196	0.0479	265.0	31.6
19538.	49.8	-55.4	222.4	222.4	-49.1	85.	0.0196	0.0198	0.0459	265.0	31.6
19585.	49.2	-55.3	223.4	223.4	-48.8	85.	0.0198	0.0200	0.0439	265.0	31.6
19632.	48.6	-55.2	224.4	224.4	-48.5	85.	0.0200	0.0202	0.0419	265.0	31.6
19679.	48.0	-55.1	225.4	225.4	-48.2	85.	0.0202	0.0204	0.0399	265.0	31.6
19726.	47.4	-55.0	226.4	226.4	-47.9	85.	0.0204	0.0206	0.0379	265.0	31.6
19773.	46.8	-54.9	227.4	227.4	-47.6	85.	0.0206	0.0208	0.0359	265.0	31.6
19820.	46.2	-54.8	228.4	228.4	-47.3	85.	0.0208	0.0210	0.0339	265.0	31.6
19867.	45.6	-54.7	229.4	229.4	-47.0	85.	0.0210	0.0212	0.0319	265.0	31.6
19914.	45.0	-54.6	230.4	230.4	-46.7	85.	0.0212	0.0214	0.0299	265.0	31.6
19961.	44.4	-54.5	231.4	231.4	-46.4	85.	0.0214	0.0216	0.0279	265.0	31.6
20008.	43.8	-54.4	232.4	232.4	-46.1	85.	0.0216	0.0218	0.0259	265.0	31.6
20055.	43.2	-54.3	233.4	233.4	-45.8	85.	0.0218	0.0220	0.0239	265.0	31.6
20102.	42.6	-54.2	234.4	234.4	-45.5	85.	0.0220	0.0222	0.0219	265.0	31.6
20149.	42.0	-54.1	235.4	235.4	-45.2	85.	0.0222	0.0224	0.0199	265.0	31.6
20196.	41.4	-54.0	236.4	236.4	-44.9	85.	0.0224	0.0226	0.0179	265.0	31.6
20243.	40.8	-53.9	237.4	237.4	-44.6	85.	0.0226	0.0228	0.0159	265.0	31.6
20290.	40.2	-53.8	238.4	238.4	-44.3	85.	0.0228	0.0230	0.0139	265.0	31.6
20337.	39.6	-53.7	239.4	239.4	-44.0	85.	0.0230	0.0232	0.0119	265.0	31.6
20384.	39.0	-53.6	240.4	240.4	-43.7	85.	0.0232	0.0234	0.0099	265.0	31.6
20431.	38.4	-53.5	241.4	241.4	-43.4	85.	0.0234	0.0236	0.0079	265.0	31.6
20478.	37.8	-53.4	242.4	242.4	-43.1	85.	0.0236	0.0238	0.0059	265.0	31.6
20525.	37.2	-53.3	243.4	243.4	-42.8	85.	0.0238	0.0240	0.0039	265.0	31.6
20572.	36.6	-53.2	244.4	244.4	-42.5	85.	0.0240	0.0242	0.0019	265.0	31.6
20619.	36.0	-53.1	245.4	245.4	-42.2	85.	0.0242	0.0244	0.0000	265.0	31.6
20666.	35.4	-53.0	246.4	246.4	-41.9	85.	0.0244	0.0246	0.0000	265.0	31.6
20713.	34.8	-52.9	247.4	247.4	-41.6	85.	0.0246	0.0248	0.0000	265.0	31.6
20760.	34.2	-52.8	248.4	248.4	-41.3	85.	0.0248	0.0250	0.0000	265.0	31.6
20807.	33.6	-52.7	249.4	249.4	-41.0	85.	0.0250	0.0252	0.0000	265.0	31.6
20854.	33.0	-52.6	250.4	250.4	-40.7	85.	0.0252	0.0254	0.0000	265.0	31.6
20901.	32.4	-52.5	251.4	251.4	-40.4	85.	0.0254	0.0256	0.0000	265.0	31.6
20948.	31.8	-52.4	252.4	252.4	-40.1	85.	0.0256	0.0258	0.0000	265.0	31.6
21005.	31.2	-52.3	253.4	253.4	-39.8	85.	0.0258	0.0260	0.0000	265.0	31.6
21052.	30.6	-52.2	254.4	254.4	-39.5	85.	0.0260	0.0262	0.0000	265.0</	

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3-RHCV (G/M+3)	RHO (KG/M+3)	DIR (DEG)	SPEED (M/S)
21546.	40.0	-58.3	255.6	265.7	-59.5	85.	0.0115	0.0117	0.0649	264.0	40.1
21595.	39.7	-58.3	255.6	265.7	-59.5	85.	0.0115	0.0117	0.0649	265.0	40.1
21643.	39.4	-58.4	257.7	267.8	-59.6	85.	0.0114	0.0116	0.0639	266.0	40.2
21707.	39.0	-58.8	258.3	268.3	-60.0	85.	0.0110	0.0110	0.0634	266.0	40.3
21755.	38.7	-59.1	258.7	268.6	-60.3	85.	0.0104	0.0106	0.0630	267.0	40.4
21820.	38.3	-59.3	259.3	269.4	-60.7	85.	0.0098	0.0100	0.0625	267.0	40.5
21865.	38.0	-59.5	259.8	269.8	-61.0	85.	0.0094	0.0096	0.0621	268.0	40.7
21910.	37.7	-60.0	260.5	270.5	-61.2	85.	0.0089	0.0091	0.0616	268.0	41.0
21985.	37.3	-60.6	273.2	273.2	-60.8	85.	0.0097	0.0099	0.0609	269.0	41.2
22036.	37.0	-60.9	275.5	275.5	-60.5	85.	0.0101	0.0103	0.0603	269.0	41.4
22087.	36.7	-60.9	276.5	276.5	-60.5	85.	0.0101	0.0103	0.0603	269.0	41.4
22138.	36.4	-60.9	277.5	277.5	-60.5	85.	0.0098	0.0100	0.0598	270.0	41.5
22190.	36.1	-60.9	277.8	277.8	-60.5	85.	0.0094	0.0096	0.0594	270.0	41.7
22242.	35.8	-60.9	278.6	278.6	-60.5	85.	0.0092	0.0094	0.0585	269.0	41.9
22294.	35.5	-60.9	279.8	279.8	-60.5	85.	0.0085	0.0087	0.0579	269.0	42.0
22346.	35.1	-60.9	280.7	280.7	-60.5	85.	0.0087	0.0089	0.0575	269.0	42.0
22398.	34.8	-60.9	281.8	281.8	-60.5	85.	0.0086	0.0088	0.0570	269.0	42.0
22450.	34.5	-60.9	282.6	282.6	-60.5	85.	0.0084	0.0086	0.0566	269.0	42.0
22502.	34.2	-60.9	283.5	283.5	-60.5	85.	0.0081	0.0083	0.0561	269.0	42.0
22554.	33.9	-61.0	284.7	284.7	-60.2	85.	0.0080	0.0082	0.0557	269.0	41.8
22606.	33.7	-61.0	285.6	285.6	-60.2	85.	0.0080	0.0082	0.0553	269.0	41.7

SOUNDING 55.0
 LATITUDE -60.1 LONGITUDE 0.2
 DATE 11-11-81 TIME 1135 GMT
 NUMBER OF LEVELS 641

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3-RHCV (G/M+3)	RHO (KG/M+3)	DIR (DEG)	SPEED (M/S)
0.	1005.4	1.0	1.1	1.7	-1.1	83.	5.6768	4.5209	1.2797	340.0	8.0
34.	998.2	1.0	1.2	1.7	-1.2	83.	5.6262	4.1641	1.2796	340.0	8.9
69.	990.8	1.0	1.3	1.7	-1.3	83.	5.5756	4.1071	1.2795	340.0	9.4
103.	983.4	1.0	1.4	1.7	-1.4	83.	5.5250	4.0503	1.2794	340.0	10.7
138.	976.0	1.0	1.5	1.7	-1.5	83.	5.4744	4.0117	1.2793	340.0	11.7
168.	968.6	1.0	1.6	1.7	-1.6	83.	5.4238	3.9731	1.2792	340.0	11.0
229.	957.3	1.0	1.7	1.7	-1.7	83.	5.3732	3.9345	1.2791	340.0	11.2
259.	950.0	1.0	1.8	1.7	-1.8	83.	5.3226	3.8959	1.2790	340.0	11.3
283.	942.6	1.0	1.9	1.7	-1.9	83.	5.2720	3.8573	1.2789	340.0	11.2
307.	935.2	1.0	2.0	1.7	-2.0	83.	5.2214	3.8187	1.2788	340.0	11.2
322.	927.8	1.0	2.1	1.7	-2.1	83.	5.1708	3.7801	1.2787	340.0	11.0
353.	915.4	1.0	2.2	1.7	-2.2	83.	5.1202	3.7415	1.2786	340.0	10.8
373.	908.0	1.0	2.3	1.7	-2.3	83.	5.0696	3.7029	1.2785	340.0	10.5
417.	895.6	1.0	2.4	1.7	-2.4	83.	5.0190	3.6643	1.2784	340.0	10.5
440.	888.2	1.0	2.5	1.7	-2.5	83.	4.9684	3.6257	1.2783	340.0	10.4
465.	880.8	1.0	2.6	1.7	-2.6	83.	4.9178	3.5871	1.2782	340.0	10.3
489.	873.4	1.0	2.7	1.7	-2.7	83.	4.8672	3.5485	1.2781	340.0	10.2
512.	866.0	1.0	2.8	1.7	-2.8	83.	4.8166	3.5099	1.2780	340.0	10.1
536.	858.6	1.0	2.9	1.7	-2.9	83.	4.7660	3.4713	1.2779	340.0	10.1
561.	851.2	1.0	3.0	1.7	-3.0	83.	4.7154	3.4327	1.2778	340.0	10.0
586.	843.8	1.0	3.1	1.7	-3.1	83.	4.6648	3.3941	1.2777	340.0	10.0
610.	836.4	1.0	3.2	1.7	-3.2	83.	4.6142	3.3555	1.2776	340.0	10.0
634.	829.0	1.0	3.3	1.7	-3.3	83.	4.5636	3.3169	1.2775	340.0	10.0
659.	821.6	1.0	3.4	1.7	-3.4	83.	4.5130	3.2783	1.2774	340.0	10.0
714.	809.2	1.0	3.5	1.7	-3.5	83.	4.4624	3.2397	1.2773	340.0	10.0
739.	801.8	1.0	3.6	1.7	-3.6	83.	4.4118	3.2011	1.2772	340.0	10.0
752.	794.4	1.0	3.7	1.7	-3.7	83.	4.3612	3.1625	1.2771	340.0	10.0
775.	787.0	1.0	3.8	1.7	-3.8	83.	4.3106	3.1239	1.2770	340.0	10.0
799.	779.6	1.0	3.9	1.7	-3.9	83.	4.2600	3.0853	1.2769	340.0	10.0
821.	772.2	1.0	4.0	1.7	-4.0	83.	4.2094	3.0467	1.2768	340.0	10.0
845.	764.8	1.0	4.1	1.7	-4.1	83.	4.1588	3.0081	1.2767	340.0	10.0
869.	757.4	1.0	4.2	1.7	-4.2	83.	4.1082	2.9695	1.2766	340.0	10.0
893.	750.0	1.0	4.3	1.7	-4.3	83.	4.0576	2.9309	1.2765	340.0	10.0
914.	742.6	1.0	4.4	1.7	-4.4	83.	4.0070	2.8923	1.2764	340.0	10.0
936.	735.2	1.0	4.5	1.7	-4.5	83.	3.9564	2.8537	1.2763	340.0	10.0
958.	727.8	1.0	4.6	1.7	-4.6	83.	3.9058	2.8151	1.2762	340.0	10.0
1031.	715.4	1.0	4.7	1.7	-4.7	83.	3.8552	2.7765	1.2761	340.0	10.0
1055.	708.0	1.0	4.8	1.7	-4.8	83.	3.8046	2.7379	1.2760	340.0	10.0
1079.	700.6	1.0	4.9	1.7	-4.9	83.	3.7540	2.6993	1.2759	340.0	10.0
1103.	693.2	1.0	5.0	1.7	-5.0	83.	3.7034	2.6607	1.2758	340.0	10.0
1127.	685.8	1.0	5.1	1.7	-5.1	83.	3.6528	2.6221	1.2757	340.0	10.0
1151.	678.4	1.0	5.2	1.7	-5.2	83.	3.6022	2.5835	1.2756	340.0	10.0
1175.	671.0	1.0	5.3	1.7	-5.3	83.	3.5516	2.5449	1.2755	340.0	10.0
1199.	663.6	1.0	5.4	1.7	-5.4	83.	3.5010	2.5063	1.2754	340.0	10.0
1223.	656.2	1.0	5.5	1.7	-5.5	83.	3.4504	2.4677	1.2753	340.0	10.0
1247.	648.8	1.0	5.6	1.7	-5.6	83.	3.4000	2.4291	1.2752	340.0	10.0
1271.	641.4	1.0	5.7	1.7	-5.7	83.	3.3494	2.3905	1.2751	340.0	10.0
1295.	634.0	1.0	5.8	1.7	-5.8	83.	3.2988	2.3519	1.2750	340.0	10.0
1319.	626.6	1.0	5.9	1.7	-5.9	83.	3.2482	2.3133	1.2749	340.0	10.0
1343.	619.2	1.0	6.0	1.7	-6.0	83.	3.1976	2.2747	1.2748	340.0	10.0
1367.	611.8	1.0	6.1	1.7	-6.1	83.	3.1470	2.2361	1.2747	340.0	10.0
1391.	604.4	1.0	6.2	1.7	-6.2	83.	3.0964	2.1975	1.2746	340.0	10.0
1415.	597.0	1.0	6.3	1.7	-6.3	83.	3.0458	2.1589	1.2745	340.0	10.0
1439.	589.6	1.0	6.4	1.7	-6.4	83.	2.9952	2.1203	1.2744	340.0	10.0
1463.	582.2	1.0	6.5	1.7	-6.5	83.	2.9446	2.0817	1.2743	340.0	10.0
1487.	574.8	1.0	6.6	1.7	-6.6	83.	2.8940	2.0431	1.2742	340.0	10.0
1511.	567.4	1.0	6.7	1.7	-6.7	83.	2.8434	2.0045	1.2741	340.0	10.0
1535.	560.0	1.0	6.8	1.7	-6.8	83.	2.7928	1.9659	1.2740	340.0	10.0
1559.	552.6	1.0	6.9	1.7	-6.9	83.	2.7422	1.9273	1.2739	340.0	10.0
1583.	545.2	1.0	7.0	1.7	-7.0	83.	2.6916	1.8887	1.2738	340.0	10.0
1607.	537.8	1.0	7.1	1.7	-7.1	83.	2.6410	1.8501	1.2737	340.0	10.0
1631.	530.4	1.0	7.2	1.7	-7.2	83.	2.5904	1.8115	1.2736	340.0	10.0
1655.	523.0	1.0	7.3	1.7	-7.3	83.	2.5398	1.7729	1.2735	340.0	10.0
1679.	515.6	1.0	7.4	1.7	-7.4	83.	2.4892	1.7343	1.2734	340.0	10.0
1703.	508.2	1.0	7.5	1.7	-7.5	83.	2.4386	1.6957	1.2733	340.0	10.0
1727.	500.8	1.0	7.6	1.7	-7.6	83.	2.3880	1.6571	1.2732	340.0	10.0
1751.	493.4	1.0	7.7	1.7	-7.7	83.	2.3374	1.6185	1.2731	340.0	10.0
1775.	486.0	1.0	7.8	1.7	-7.8	83.	2.2868	1.5799	1.2730	340.0	10.0
1800.	478.6	1.0	7.9	1.7	-7.9	83.	2.2362	1.5413	1.2729	340.0	10.0
1824.	471.2	1.0	8.0	1.7	-8.0	83.	2.1856	1.5027	1.2728	340.0	10.0
1848.	463.8	1.0	8.1	1.7	-8.1	83.	2.1350	1.4641	1.2727	340.0	10.0
1872.	456.4	1.0	8.2	1.7	-8.2	83.	2.0844	1.4255	1.2726	340.0	10.0
1896.	449.0	1.0	8.3	1.7	-8.3	83.	2.0338	1.3869	1.2725	340.0	10.0

[illegible]

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MM)	1E+3-RHCV (G/M+3)	RHO (KG/M+3)	DIR (DEG)	SPEED (M/S)
427.0	7.1	-1.1	33.5	33.5	-19.1	83.3	1.6372	1.3749	0.7878	282.0	7.5
427.1	7.1	-1.1	33.5	33.5	-19.1	83.3	1.6376	1.3511	0.7863	281.0	7.7
427.2	7.1	-1.1	33.5	33.5	-19.1	83.3	1.6380	1.3277	0.7847	281.0	7.9
431.1	7.2	-1.1	33.5	33.5	-19.1	83.3	1.5642	1.3161	0.7829	280.0	8.1
433.4	7.2	-1.1	33.5	33.5	-19.1	83.3	1.5519	1.2933	0.7812	279.0	8.3
435.7	7.2	-1.1	33.5	33.5	-19.1	83.3	1.5396	1.2706	0.7794	278.0	8.5
438.1	7.2	-1.1	33.5	33.5	-19.1	83.3	1.5273	1.2487	0.7775	277.0	8.7
440.4	7.2	-1.1	33.5	33.5	-19.1	83.3	1.5150	1.2269	0.7756	276.0	8.9
442.7	7.2	-1.1	33.5	33.5	-19.1	83.3	1.5027	1.2050	0.7737	275.0	9.1
445.1	7.2	-1.1	33.5	33.5	-19.1	83.3	1.4904	1.1832	0.7718	274.0	9.3
447.4	7.2	-1.1	33.5	33.5	-19.1	83.3	1.4781	1.1614	0.7699	273.0	9.5
449.7	7.2	-1.1	33.5	33.5	-19.1	83.3	1.4658	1.1396	0.7680	272.0	9.7
452.1	7.2	-1.1	33.5	33.5	-19.1	83.3	1.4535	1.1178	0.7661	271.0	9.9
454.4	7.2	-1.1	33.5	33.5	-19.1	83.3	1.4412	1.0960	0.7642	270.0	10.1
456.7	7.2	-1.1	33.5	33.5	-19.1	83.3	1.4289	1.0742	0.7623	269.0	10.3
459.1	7.2	-1.1	33.5	33.5	-19.1	83.3	1.4166	1.0524	0.7604	268.0	10.5
461.4	7.2	-1.1	33.5	33.5	-19.1	83.3	1.4043	1.0306	0.7585	267.0	10.7
463.7	7.2	-1.1	33.5	33.5	-19.1	83.3	1.3920	1.0088	0.7566	266.0	10.9
466.1	7.2	-1.1	33.5	33.5	-19.1	83.3	1.3797	0.9870	0.7547	265.0	11.1
468.4	7.2	-1.1	33.5	33.5	-19.1	83.3	1.3674	0.9652	0.7528	264.0	11.3
470.7	7.2	-1.1	33.5	33.5	-19.1	83.3	1.3551	0.9434	0.7509	263.0	11.5
473.1	7.2	-1.1	33.5	33.5	-19.1	83.3	1.3428	0.9216	0.7490	262.0	11.7
475.4	7.2	-1.1	33.5	33.5	-19.1	83.3	1.3305	0.8998	0.7471	261.0	11.9
477.7	7.2	-1.1	33.5	33.5	-19.1	83.3	1.3182	0.8780	0.7452	260.0	12.1
480.1	7.2	-1.1	33.5	33.5	-19.1	83.3	1.3059	0.8562	0.7433	259.0	12.3
482.4	7.2	-1.1	33.5	33.5	-19.1	83.3	1.2936	0.8344	0.7414	258.0	12.5
484.7	7.2	-1.1	33.5	33.5	-19.1	83.3	1.2813	0.8126	0.7395	257.0	12.7
487.1	7.2	-1.1	33.5	33.5	-19.1	83.3	1.2690	0.7908	0.7376	256.0	12.9
489.4	7.2	-1.1	33.5	33.5	-19.1	83.3	1.2567	0.7690	0.7357	255.0	13.1
491.7	7.2	-1.1	33.5	33.5	-19.1	83.3	1.2444	0.7472	0.7338	254.0	13.3
494.1	7.2	-1.1	33.5	33.5	-19.1	83.3	1.2321	0.7254	0.7319	253.0	13.5
496.4	7.2	-1.1	33.5	33.5	-19.1	83.3	1.2198	0.7036	0.7300	252.0	13.7
498.7	7.2	-1.1	33.5	33.5	-19.1	83.3	1.2075	0.6818	0.7281	251.0	13.9
501.1	7.2	-1.1	33.5	33.5	-19.1	83.3	1.1952	0.6600	0.7262	250.0	14.1
503.4	7.2	-1.1	33.5	33.5	-19.1	83.3	1.1829	0.6382	0.7243	249.0	14.3
505.7	7.2	-1.1	33.5	33.5	-19.1	83.3	1.1706	0.6164	0.7224	248.0	14.5
508.1	7.2	-1.1	33.5	33.5	-19.1	83.3	1.1583	0.5946	0.7205	247.0	14.7
510.4	7.2	-1.1	33.5	33.5	-19.1	83.3	1.1460	0.5728	0.7186	246.0	14.9
512.7	7.2	-1.1	33.5	33.5	-19.1	83.3	1.1337	0.5510	0.7167	245.0	15.1
515.1	7.2	-1.1	33.5	33.5	-19.1	83.3	1.1214	0.5292	0.7148	244.0	15.3
517.4	7.2	-1.1	33.5	33.5	-19.1	83.3	1.1091	0.5074	0.7129	243.0	15.5
519.7	7.2	-1.1	33.5	33.5	-19.1	83.3	1.0968	0.4856	0.7110	242.0	15.7
522.1	7.2	-1.1	33.5	33.5	-19.1	83.3	1.0845	0.4638	0.7091	241.0	15.9
524.4	7.2	-1.1	33.5	33.5	-19.1	83.3	1.0722	0.4420	0.7072	240.0	16.1
526.7	7.2	-1.1	33.5	33.5	-19.1	83.3	1.0599	0.4202	0.7053	239.0	16.3
529.1	7.2	-1.1	33.5	33.5	-19.1	83.3	1.0476	0.3984	0.7034	238.0	16.5
531.4	7.2	-1.1	33.5	33.5	-19.1	83.3	1.0353	0.3766	0.7015	237.0	16.7
533.7	7.2	-1.1	33.5	33.5	-19.1	83.3	1.0230	0.3548	0.6996	236.0	16.9
536.1	7.2	-1.1	33.5	33.5	-19.1	83.3	1.0107	0.3330	0.6977	235.0	17.1
538.4	7.2	-1.1	33.5	33.5	-19.1	83.3	0.9984	0.3112	0.6958	234.0	17.3
540.7	7.2	-1.1	33.5	33.5	-19.1	83.3	0.9861	0.2894	0.6939	233.0	17.5
543.1	7.2	-1.1	33.5	33.5	-19.1	83.3	0.9738	0.2676	0.6920	232.0	17.7
545.4	7.2	-1.1	33.5	33.5	-19.1	83.3	0.9615	0.2458	0.6901	231.0	17.9
547.7	7.2	-1.1	33.5	33.5	-19.1	83.3	0.9492	0.2240	0.6882	230.0	18.1
550.1	7.2	-1.1	33.5	33.5	-19.1	83.3	0.9369	0.2022	0.6863	229.0	18.3
552.4	7.2	-1.1	33.5	33.5	-19.1	83.3	0.9246	0.1804	0.6844	228.0	18.5
554.7	7.2	-1.1	33.5	33.5	-19.1	83.3	0.9123	0.1586	0.6825	227.0	18.7
557.1	7.2	-1.1	33.5	33.5	-19.1	83.3	0.8999	0.1368	0.6806	226.0	18.9
559.4	7.2	-1.1	33.5	33.5	-19.1	83.3	0.8876	0.1150	0.6787	225.0	19.1
561.7	7.2	-1.1	33.5	33.5	-19.1	83.3	0.8753	0.0932	0.6768	224.0	19.3
564.1	7.2	-1.1	33.5	33.5	-19.1	83.3	0.8630	0.0714	0.6749	223.0	19.5
566.4	7.2	-1.1	33.5	33.5	-19.1	83.3	0.8507	0.0496	0.6730	222.0	19.7
568.7	7.2	-1.1	33.5	33.5	-19.1	83.3	0.8384	0.0278	0.6711	221.0	19.9
571.1	7.2	-1.1	33.5	33.5	-19.1	83.3	0.8261	0.0060	0.6692	220.0	20.1
573.4	7.2	-1.1	33.5	33.5	-19.1	83.3	0.8138	0.0000	0.6673	219.0	20.3
575.7	7.2	-1.1	33.5	33.5	-19.1	83.3	0.8015	0.0000	0.6654	218.0	20.5
578.1	7.2	-1.1	33.5	33.5	-19.1	83.3	0.7892	0.0000	0.6635	217.0	20.7
580.4	7.2	-1.1	33.5	33.5	-19.1	83.3	0.7769	0.0000	0.6616	216.0	20.9
582.7	7.2	-1.1	33.5	33.5	-19.1	83.3	0.7646	0.0000	0.6597	215.0	21.1
585.1	7.2	-1.1	33.5	33.5	-19.1	83.3	0.7523	0.0000	0.6578	214.0	21.3
587.4	7.2	-1.1	33.5	33.5	-19.1	83.3	0.7400	0.0000	0.6559	213.0	21.5
589.7	7.2	-1.1	33.5	33.5	-19.1	83.3	0.7277	0.0000	0.6540	212.0	21.7
592.1	7.2	-1.1	33.5	33.5	-19.1	83.3	0.7154	0.0000	0.6521	211.0	21.9
594.4	7.2	-1.1	33.5	33.5	-19.1	83.3	0.7031	0.0000	0.6502	210.0	22.1
596.7	7.2	-1.1	33.5	33.5	-19.1	83.3	0.6908	0.0000	0.6483	209.0	22.3
599.1	7.2	-1.1	33.5	33.5	-19.1	83.3	0.6785	0.0000	0.6464	208.0	22.5
601.4	7.2	-1.1	33.5	33.5	-19.1	83.3	0.6662	0.0000	0.6445	207.0	22.7
603.7	7.2	-1.1	33.5	33.5	-19.1	83.3	0.6539	0.0000	0.6426	206.0	22.9
606.1	7.2	-1.1	33.5	33.5	-19.1	83.3	0.6416	0.0000	0.6407	205.0	23.1
608.4	7.2	-1.1	33.5	33.5	-19.1	83.3	0.6293	0.0000	0.6388	204.0	23.3
610.7	7.2	-1.1	33.5	33.5	-19.1	83.3	0.6170	0.0000	0.6369	203.0	23.5
613.1	7.2	-1.1	33.5	33.5	-19.1	83.3	0.6047	0.0000	0.6350	202.0	23.7
615.4	7.2	-1.1	33.5	33.5	-19.1	83.3	0.5924	0.0000	0.6331	201.0	23.9
617.7	7.2	-1.1	33.5	33.5	-19.1	83.3	0.5801	0.0000	0.6312	200.0	24.1
620.1	7.2	-1.1	33.5	33.5	-19.1	83.3	0.5678	0.0000	0.6293	199.0	24.3
622.4	7.2	-1.1	33.5	33.5	-19.1	83.3	0.5555	0.0000	0.6274	198.0	24.5
624.7	7.2	-1.1	33.5	33.5	-19.1	83.3	0.5432	0.0000	0.6255	197.0	24.7
627.1	7.2	-1.1	33.5	33.5	-19.1	83.3	0.5309	0.0000	0.6236	196.0	24.9
629.4	7.2	-1.1	33.5	33.5	-19.1	83.3	0.5186	0.0000	0.6217	195.0	25.1
631.7	7.2	-1.1	33.5	33.5	-19.1	83.3	0.5063	0.0000	0.6198	194.0	25.3
634.1	7.2	-1.1	33.5	33.5	-19.1	83.3	0.4940	0.0000	0.6179	193.0	25.5
636.4	7.2	-1.1	33.5	33.5	-19.1	83.3	0.4817	0.0000	0.6160	192.0	25.7
638.7	7.2	-1.1	33.5	33.5	-19.1	83.3	0.4694	0.0000	0.6141	191.0	25.9
641.1	7.2	-1.1	33.5	33.5	-19.1	83.3	0.4571	0.0000	0.6122	190.0	26.1
643.4	7.2	-1.1	33.5	33.5	-19.1	83.3	0.4448	0.0000	0.6103	189.0	26.3
645.7	7.2	-1.1	33.5	33.5	-19.1	83.3	0.4325	0.0000	0.6084	188.0	26.5
648.1	7.2	-1.1	33.5	33.5	-19.1	83.3	0.4202	0.0000	0.6065	187.0	26.7
650.4	7.2	-1.1	33.5	33.5	-19.1	83.3	0.4079	0.0000	0.6046	186.0	26.9
652.7	7.2	-1.1	33.5	33.5	-19.1	83.3	0.3956	0.0000	0.6027	185.0	27.1
655.1	7.2	-1.1	33.5	33.5	-19.1	83.3	0.3833	0.0000	0.6008	184.0	27.3
657.4	7.2	-1.1	33.5	33.5	-19.1	83.3	0.3710	0.0000	0.5989	183.0	27.5
659.7	7.2	-1.1	33.5	33.5	-19.1	83.3	0.3587	0.0000	0.5970	182.0	27.7
662.1	7.2	-1.1	33.5	33.5	-19.1	83.3	0.3464	0.0000			

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3-RH0W (G/M+3)	RH0 (KG/M+3)	DPR (DEG)	SPEED (M/S)
6592.	426.3	-32.5	33.9	33.9	-34.2	83.	0.2432	0.2206	0.6173	278.0	11.2
6610.	425.0	-32.6	34.0	34.0	-34.3	83.	0.2406	0.2183	0.6160	278.0	11.2
6630.	424.0	-32.7	34.1	34.1	-34.4	83.	0.2381	0.2161	0.6145	277.0	11.2
6649.	422.9	-32.9	34.1	34.1	-34.4	83.	0.2331	0.2117	0.6134	277.0	11.2
6669.	421.7	-33.0	34.2	34.2	-34.5	83.	0.2257	0.2053	0.6124	277.0	11.2
6690.	420.4	-33.2	34.2	34.2	-34.9	83.	0.2257	0.2053	0.6105	277.0	11.3
6709.	419.3	-33.3	34.3	34.3	-35.0	83.	0.2233	0.2032	0.6092	277.0	11.3
6725.	418.1	-33.3	34.3	34.3	-35.2	83.	0.2186	0.1991	0.6082	277.0	11.3
6745.	417.0	-33.7	34.4	34.4	-35.4	83.	0.2140	0.1950	0.6070	276.0	11.3
6764.	416.0	-34.0	34.4	34.4	-35.5	83.	0.2117	0.1930	0.6057	276.0	11.3
6786.	414.7	-34.4	34.4	34.4	-35.7	83.	0.2072	0.1891	0.6043	276.0	11.3
6809.	413.3	-34.4	34.5	34.5	-35.9	83.	0.2028	0.1852	0.6027	276.0	11.4
6831.	412.0	-34.4	34.4	34.4	-36.1	83.	0.1984	0.1814	0.6013	275.0	11.4
6852.	410.8	-34.6	34.4	34.4	-36.3	83.	0.1942	0.1777	0.6001	275.0	11.4
6874.	409.5	-34.5	34.5	34.5	-36.3	83.	0.1900	0.1740	0.5987	275.0	11.4
6896.	408.2	-34.5	34.5	34.5	-36.7	83.	0.1860	0.1704	0.5973	274.0	11.4
6918.	406.8	-34.5	34.6	34.6	-36.9	83.	0.1820	0.1669	0.5959	274.0	11.4
6942.	405.5	-34.7	34.6	34.6	-37.1	83.	0.1781	0.1634	0.5943	273.0	11.3
6968.	404.4	-34.7	34.4	34.4	-37.7	83.	0.1723	0.1584	0.5929	272.0	11.2
6992.	403.2	-34.6	34.4	34.4	-37.7	83.	0.1668	0.1553	0.5916	271.0	11.1
7014.	402.1	-34.6	34.4	34.4	-37.9	83.	0.1632	0.1530	0.5901	270.0	11.1
7039.	400.9	-34.6	34.5	34.5	-38.0	83.	0.1614	0.1514	0.5883	270.0	11.0
7055.	399.4	-34.6	34.5	34.5	-38.2	83.	0.1579	0.1486	0.5866	269.0	11.0
7071.	398.3	-34.6	34.7	34.7	-38.4	83.	0.1544	0.1455	0.5849	267.0	11.0
7110.	396.5	-34.6	34.8	34.8	-38.6	83.	0.1511	0.1396	0.5833	267.0	10.9
7141.	394.4	-34.7	34.9	34.9	-38.8	83.	0.1478	0.1366	0.5817	265.0	10.9
7161.	392.9	-34.7	34.9	34.9	-39.0	83.	0.1446	0.1338	0.5805	264.0	10.9
7185.	391.5	-34.7	34.8	34.8	-39.3	83.	0.1398	0.1295	0.5791	263.0	11.0
7212.	390.0	-34.7	34.7	34.7	-39.6	83.	0.1353	0.1255	0.5776	262.0	11.1
7233.	388.8	-34.8	34.7	34.7	-39.6	83.	0.1323	0.1228	0.5764	261.0	11.2
7256.	387.7	-34.8	34.5	34.5	-40.0	83.	0.1294	0.1202	0.5749	260.0	11.2
7279.	386.6	-34.8	34.7	34.7	-40.2	83.	0.1265	0.1176	0.5735	259.0	11.4
7304.	385.4	-34.8	34.7	34.7	-40.6	83.	0.1223	0.1135	0.5721	258.0	11.4
7329.	384.2	-34.9	34.4	34.4	-40.6	83.	0.1196	0.1115	0.5705	257.0	11.7
7355.	383.0	-34.9	34.5	34.5	-40.8	83.	0.1166	0.1091	0.5691	256.0	11.8
7376.	381.8	-34.9	34.5	34.5	-40.9	83.	0.1157	0.1079	0.5674	255.0	11.9
7400.	379.4	-34.9	34.5	34.5	-41.1	83.	0.1144	0.1056	0.5653	253.0	12.1
7424.	377.9	-34.9	34.5	34.5	-41.1	83.	0.1131	0.1056	0.5616	253.0	12.3
7451.	376.6	-34.9	34.5	34.5	-41.4	83.	0.1093	0.1022	0.5604	252.0	12.4
7479.	375.0	-34.9	34.5	34.5	-41.7	83.	0.1057	0.0989	0.5591	250.0	12.5
7498.	374.0	-34.9	34.5	34.5	-41.7	83.	0.1033	0.0968	0.5577	249.0	12.7
7522.	372.7	-34.9	34.5	34.5	-42.1	83.	0.1010	0.0947	0.5564	247.0	12.7
7544.	371.1	-34.9	34.5	34.5	-42.3	83.	0.0987	0.0927	0.5550	247.0	12.8
7568.	369.5	-34.9	34.5	34.5	-42.7	83.	0.0965	0.0906	0.5534	245.0	13.0
7614.	367.7	-34.9	34.5	34.5	-42.7	83.	0.0947	0.0887	0.5521	244.0	13.1
7644.	366.6	-34.9	34.5	34.5	-42.7	83.	0.0927	0.0867	0.5505	243.0	13.2
7666.	365.3	-34.9	34.5	34.5	-42.7	83.	0.0911	0.0847	0.5491	242.0	13.3
7690.	363.8	-34.9	34.5	34.5	-42.7	83.	0.0895	0.0831	0.5478	241.0	13.5
7707.	362.7	-34.9	34.5	34.5	-42.7	83.	0.0882	0.0812	0.5465	240.0	13.5
7731.	361.4	-34.9	34.5	34.5	-42.7	83.	0.0864	0.0794	0.5450	239.0	13.7
7757.	359.8	-34.9	34.5	34.5	-42.9	83.	0.0822	0.0777	0.5433	238.0	13.8
7780.	358.8	-34.9	34.5	34.5	-44.1	83.	0.0803	0.0759	0.5420	236.0	14.1
7804.	357.7	-34.9	34.5	34.5	-44.4	83.	0.0775	0.0734	0.5407	235.0	14.3
7830.	356.6	-34.9	34.5	34.5	-44.6	83.	0.0758	0.0718	0.5391	234.0	14.5
7857.	355.4	-34.9	34.5	34.5	-44.8	83.	0.0740	0.0702	0.5374	233.0	14.5
7889.	354.3	-34.9	34.5	34.5	-45.0	83.	0.0723	0.0687	0.5358	232.0	14.6
7911.	353.0	-34.9	34.5	34.5	-45.2	83.	0.0706	0.0672	0.5343	231.0	14.6
7931.	351.8	-34.9	34.5	34.5	-45.4	83.	0.0690	0.0657	0.5329	230.0	14.7
7954.	350.4	-34.9	34.5	34.5	-45.6	83.	0.0674	0.0642	0.5313	229.0	14.7
7977.	349.1	-34.9	34.5	34.5	-45.6	83.	0.0654	0.0628	0.5298	228.0	14.8
8000.	347.7	-34.9	34.5	34.5	-45.6	83.	0.0643	0.0614	0.5288	227.0	14.8
8027.	346.6	-34.9	34.5	34.5	-45.6	83.	0.0621	0.0593	0.5274	226.0	14.9
8054.	345.4	-34.9	34.5	34.5	-45.7	83.	0.0606	0.0576	0.5257	225.0	14.9
8076.	344.4	-34.9	34.5	34.5	-45.7	83.	0.0592	0.0567	0.5245	224.0	15.0
8105.	343.2	-34.9	34.5	34.5	-45.8	83.	0.0585	0.0560	0.5230	223.0	15.4
8127.	342.0	-34.9	34.5	34.5	-45.7	83.	0.0570	0.0548	0.5215	222.0	15.5
8146.	340.9	-34.9	34.5	34.5	-47.2	83.	0.0553	0.0533	0.5201	221.0	15.6
8167.	339.9	-34.9	34.5	34.5	-47.4	83.	0.0545	0.0523	0.5189	220.0	15.7
8191.	338.7	-34.9	34.5	34.5	-47.7	83.	0.0536	0.0505	0.5176	219.0	15.9
8211.	337.3	-34.9	34.5	34.5	-47.7	83.	0.0527	0.0495	0.5163	218.0	15.9
8244.	335.4	-34.9	34.5	34.5	-48.1	83.	0.0514	0.0477	0.5150	217.0	16.1
8264.	334.2	-34.9	34.5	34.5	-48.1	83.	0.0506	0.0461	0.5138	216.0	16.1
8285.	333.0	-34.9	34.5	34.5	-48.1	83.	0.0497	0.0455	0.5126	215.0	16.1
8311.	331.8	-34.9	34.5	34.5	-48.1	83.	0.0489	0.0440	0.5112	214.0	16.1
8336.	330.6	-34.9	34.5	34.5	-48.1	83.	0.0480	0.0432	0.5095	213.0	16.1
8362.	329.2	-34.9	34.5	34.5	-48.1	83.	0.0474	0.0420	0.5081	212.0	16.1
8386.	327.7	-34.9	34.5	34.5	-48.1	83.	0.0462	0.0415	0.5065	211.0	16.1
8408.	326.5	-34.9	34.5	34.5	-48.1	83.	0.0455	0.0405	0.5050	210.0	16.1
8430.	325.0	-34.9	34.5	34.5	-48.1	83.	0.0447	0.0398	0.5035	209.0	16.1
8455.	324.4	-34.9	34.5	34.5	-48.1	83.	0.0434	0.0382	0.5017	208.0	16.1
8477.	323.3	-34.9	34.5	34.5	-48.1	83.	0.0423	0.0373	0.5002	207.0	16.1
8494.	322.0	-34.9	34.5	34.5	-48.1	83.	0.0415	0.0365	0.4986	206.0	16.1
8516.	320.9	-34.9	34.5	34.5	-48.1	83.	0.0406	0.0356	0.4971	205.0	16.1
8536.	319.8	-34.9	34.5	34.5	-48.1	83.	0.0397	0.0344	0.4955	204.0	16.1
8559.	318.7	-34.9	34.5	34.5	-48.1	83.	0.0388	0.0336	0.4937	203.0	16.1
8581.	317.5	-34.9	34.5	34.5	-48.1	83.	0.0379	0.0326	0.4919	202.0	16.1
8604.	316.3	-34.9	34.5	34.5	-48.1	83.	0.0370	0.0317	0.4903	201.0	16.1
8627.	315.1	-34.9	34.5	34.5	-48.1	83.	0.0361	0.0308	0.4885	200.0	16.1
8649.	314.0	-34.9	34.5	34.5	-48.1	83.	0.0352	0.0300	0.4868	199.0	16.1
8673.	312.8	-34.9	34.5	34.5	-48.1	83.	0.0343	0.0292	0.4850	198.0	16.1
8697.	311.7	-34.9	34.5	34.5	-48.1	83.	0.0334	0.0283	0.4833	197.0	16.1
8721.	310.5	-34.9	34.5	34.5	-48.1	83.	0.0325	0.0274	0.4815	196.0	16.1
8745.	309.4	-34.9	34.5	34.5	-48.1	83.	0.0316	0.0265	0.4797	195.0	16.1
8769.	308.2	-34.9	34.5	34.5	-48.1	83.	0.0307	0.0256	0.4779	194.0	16.1
8793.	307.1	-34.9	34.5	34.5	-48.1	83.	0.0298	0.0247	0.4761	193.0	16.1
8817.	306.0	-34.9	34.5	34.5	-48.1	83.	0.0289	0.0238	0.4743	192.0	16.1
8841.	304.9	-34.9	34.5	34.5	-48.1	83.	0.0280	0.0229	0.4725	191.0	16.1
8865.	303.8	-34.9	34.5	34.5	-48.1	83.	0.0271	0.0220	0.4707	190.0	16.1
8889.	302.7	-34.9	34.5	34.5	-48.1	83.	0.0262	0.0211	0.4689	189.0	16.1
8913.	301.6	-34.9	34.5	34.5	-48.1	83.	0.0253	0.0202	0.4671	188.0	16.1
8937.	300.5	-34.9	34.5	34.5	-48.1	83.	0.0244	0.0193	0.4653	187.0	16.1
8961.	299.4	-34.9	34.5	34.5	-48.1	83.	0.0235	0.0184	0.4635	186.0	16.1
8985.	298.3	-34.9	34.5	34.5	-48.1	83.	0.02				

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3-RHCV (G/M+3)	RHO (KG/M+3)	DIF (DEG)	SPEED (M/S)
9113.	292.9	-54.1	37.9	37.9	-55.5	83.	0.0195	0.0195	0.4658	215.0	17.0
9137.	291.8	-54.4	37.8	37.8	-55.8	83.	0.0188	0.0188	0.4647	215.0	16.8
9159.	290.8	-54.6	37.6	37.6	-56.0	83.	0.0183	0.0183	0.4635	215.0	16.7
9181.	289.8	-54.9	37.7	37.7	-56.3	83.	0.0176	0.0176	0.4626	215.0	16.6
9201.	288.9	-55.1	37.7	37.7	-56.5	83.	0.0172	0.0172	0.4616	215.0	16.4
9223.	287.9	-55.3	37.7	37.7	-56.7	83.	0.0167	0.0167	0.4604	215.0	16.2
9243.	287.0	-55.5	37.6	37.6	-57.0	83.	0.0161	0.0161	0.4596	215.0	16.1
9265.	286.0	-55.6	37.7	37.7	-57.2	83.	0.0157	0.0157	0.4580	215.0	15.9
9285.	285.1	-55.7	37.8	37.8	-57.3	83.	0.0155	0.0155	0.4577	215.0	15.8
9305.	284.2	-55.8	38.0	38.0	-57.3	83.	0.0155	0.0155	0.4577	215.0	15.8
9325.	283.3	-55.9	38.1	38.1	-57.4	83.	0.0153	0.0153	0.4569	215.0	15.7
9347.	282.3	-56.0	38.5	38.5	-57.6	83.	0.0144	0.0144	0.4515	215.0	14.7
9372.	281.2	-56.2	38.8	38.8	-57.7	83.	0.0147	0.0147	0.4501	215.0	14.4
9395.	280.2	-56.3	39.0	39.0	-57.7	83.	0.0147	0.0147	0.4485	215.0	14.1
9417.	279.2	-56.3	39.0	39.0	-57.6	83.	0.0146	0.0146	0.4466	215.0	13.9
9441.	278.1	-56.4	39.5	39.5	-57.6	83.	0.0146	0.0146	0.4450	215.0	13.7
9465.	277.1	-56.5	40.1	40.1	-57.7	83.	0.0144	0.0144	0.4434	215.0	13.5
9491.	276.0	-56.5	40.1	40.1	-57.7	83.	0.0144	0.0144	0.4420	215.0	13.3
9519.	275.0	-56.6	40.2	40.2	-57.9	83.	0.0142	0.0142	0.4406	215.0	13.1
9539.	274.0	-56.6	40.2	40.2	-57.9	83.	0.0142	0.0142	0.4393	215.0	12.9
9564.	272.8	-56.6	40.4	40.4	-58.2	83.	0.0137	0.0137	0.4375	215.0	12.7
9584.	271.8	-56.7	40.5	40.5	-58.2	83.	0.0134	0.0134	0.4359	215.0	12.5
9623.	267.1	-57.1	40.5	40.5	-58.7	83.	0.0130	0.0130	0.4343	215.0	12.3
9641.	266.0	-57.3	41.2	41.2	-58.8	83.	0.0127	0.0127	0.4324	215.0	12.1
9681.	266.7	-57.6	41.3	41.3	-59.1	83.	0.0124	0.0124	0.4310	215.0	11.9
9707.	265.5	-57.7	41.7	41.7	-59.1	83.	0.0122	0.0122	0.4293	215.0	11.7
9736.	265.3	-57.7	41.6	41.6	-59.3	83.	0.0119	0.0119	0.4278	215.0	11.5
9764.	264.3	-57.9	41.7	41.7	-59.5	83.	0.0118	0.0118	0.4264	215.0	11.3
9794.	263.1	-58.0	41.6	41.6	-59.9	83.	0.0113	0.0113	0.4253	215.0	11.1
9814.	262.2	-58.0	41.6	41.6	-60.1	83.	0.0110	0.0110	0.4242	215.0	10.9
9841.	261.1	-58.1	41.7	41.7	-60.3	83.	0.0108	0.0108	0.4228	215.0	10.7
9867.	260.0	-58.1	41.6	41.6	-60.5	83.	0.0106	0.0106	0.4215	215.0	10.5
9891.	259.0	-58.2	41.7	41.7	-60.5	83.	0.0103	0.0103	0.4199	215.0	10.3
9915.	258.0	-58.2	42.2	42.2	-60.5	83.	0.0101	0.0101	0.4183	215.0	10.1
9940.	256.9	-58.3	42.7	42.7	-60.5	83.	0.0100	0.0100	0.4168	215.0	9.9
9965.	255.9	-58.3	42.7	42.7	-60.7	83.	0.0099	0.0099	0.4157	215.0	9.7
9988.	255.0	-58.3	42.7	42.7	-60.7	83.	0.0099	0.0099	0.4145	215.0	9.5
10006.	254.3	-58.3	43.1	43.1	-61.0	83.	0.0098	0.0098	0.4130	215.0	9.3
10030.	253.3	-58.4	43.3	43.3	-61.2	83.	0.0094	0.0094	0.4120	215.0	9.1
10055.	252.3	-58.4	43.3	43.3	-61.2	83.	0.0093	0.0093	0.4106	215.0	8.9
10080.	251.3	-58.4	43.7	43.7	-61.0	83.	0.0097	0.0097	0.4098	215.0	8.7
10112.	250.0	-58.6	44.6	44.6	-60.7	83.	0.0091	0.0091	0.4073	215.0	8.5
10144.	248.8	-58.9	45.0	45.0	-60.7	83.	0.0086	0.0086	0.4047	215.0	8.3
10187.	247.7	-59.3	45.4	45.4	-60.7	83.	0.0081	0.0081	0.4037	215.0	8.1
10219.	246.6	-59.7	45.4	45.4	-61.0	83.	0.0079	0.0079	0.4024	215.0	7.9
10226.	245.5	-59.9	45.5	45.5	-61.1	83.	0.0077	0.0077	0.4011	215.0	7.7
10229.	244.4	-60.0	45.7	45.7	-61.1	83.	0.0076	0.0076	0.3991	215.0	7.5
10235.	243.3	-60.2	46.6	46.6	-61.4	83.	0.0070	0.0070	0.3968	215.0	7.3
10239.	242.2	-60.4	46.6	46.6	-61.6	83.	0.0067	0.0067	0.3944	215.0	7.1
10239.	241.1	-60.6	46.7	46.7	-61.6	83.	0.0064	0.0064	0.3932	215.0	6.9
10236.	240.0	-60.8	46.7	46.7	-61.7	83.	0.0062	0.0062	0.3912	215.0	6.7
10236.	238.9	-61.1	47.5	47.5	-62.3	83.	0.0056	0.0056	0.3893	215.0	6.5
10236.	237.8	-61.1	47.5	47.5	-62.3	83.	0.0055	0.0055	0.3875	215.0	6.3
10236.	236.7	-61.1	47.5	47.5	-62.3	83.	0.0055	0.0055	0.3859	215.0	6.1
10236.	235.6	-61.1	47.5	47.5	-62.3	83.	0.0055	0.0055	0.3845	215.0	5.9
10236.	234.5	-61.1	47.5	47.5	-62.3	83.	0.0055	0.0055	0.3830	215.0	5.7
10236.	233.4	-61.1	47.5	47.5	-62.3	83.	0.0055	0.0055	0.3819	215.0	5.5
10236.	232.3	-61.1	47.5	47.5	-62.3	83.	0.0055	0.0055	0.3808	215.0	5.3
10236.	231.2	-61.1	47.5	47.5	-62.3	83.	0.0055	0.0055	0.3797	215.0	5.1
10236.	230.1	-61.1	47.5	47.5	-62.3	83.	0.0055	0.0055	0.3784	215.0	4.9
10236.	229.0	-61.1	47.5	47.5	-62.3	83.	0.0055	0.0055	0.3774	215.0	4.7
10236.	227.9	-61.1	47.5	47.5	-62.3	83.	0.0055	0.0055	0.3763	215.0	4.5
10236.	226.8	-61.1	47.5	47.5	-62.3	83.	0.0055	0.0055	0.3753	215.0	4.3
10236.	225.7	-61.1	47.5	47.5	-62.3	83.	0.0055	0.0055	0.3743	215.0	4.1
10236.	224.6	-61.1	47.5	47.5	-62.3	83.	0.0055	0.0055	0.3733	215.0	3.9
10236.	223.5	-61.1	47.5	47.5	-62.3	83.	0.0055	0.0055	0.3723	215.0	3.7
10236.	222.4	-61.1	47.5	47.5	-62.3	83.	0.0055	0.0055	0.3713	215.0	3.5
10236.	221.3	-61.1	47.5	47.5	-62.3	83.	0.0055	0.0055	0.3703	215.0	3.3
10236.	220.2	-61.1	47.5	47.5	-62.3	83.	0.0055	0.0055	0.3693	215.0	3.1
10236.	219.1	-61.1	47.5	47.5	-62.3	83.	0.0055	0.0055	0.3683	215.0	2.9
10236.	218.0	-61.1	47.5	47.5	-62.3	83.	0.0055	0.0055	0.3673	215.0	2.7
10236.	216.9	-61.1	47.5	47.5	-62.3	83.	0.0055	0.0055	0.3663	215.0	2.5
10236.	215.8	-61.1	47.5	47.5	-62.3	83.	0.0055	0.0055	0.3653	215.0	2.3
10236.	214.7	-61.1	47.5	47.5	-62.3	83.	0.0055	0.0055	0.3643	215.0	2.1
10236.	213.6	-61.1	47.5	47.5	-62.3	83.	0.0055	0.0055	0.3633	215.0	1.9
10236.	212.5	-61.1	47.5	47.5	-62.3	83.	0.0055	0.0055	0.3623	215.0	1.7
10236.	211.4	-61.1	47.5	47.5	-62.3	83.	0.0055	0.0055	0.3613	215.0	1.5
10236.	210.3	-61.1	47.5	47.5	-62.3	83.	0.0055	0.0055	0.3603	215.0	1.3
10236.	209.2	-61.1	47.5	47.5	-62.3	83.	0.0055	0.0055	0.3593	215.0	1.1
10236.	208.1	-61.1	47.5	47.5	-62.3	83.	0.0055	0.0055	0.3583	215.0	0.9
10236.	207.0	-61.1	47.5	47.5	-62.3	83.	0.0055	0.0055	0.3573	215.0	0.7
10236.	205.9	-61.1	47.5	47.5	-62.3	83.	0.0055	0.0055	0.3563	215.0	0.5
10236.	204.8	-61.1	47.5	47.5	-62.3	83.	0.0055	0.0055	0.3553	215.0	0.3
10236.	203.7	-61.1	47.5	47.5	-62.3	83.	0.0055	0.0055	0.3543	215.0	0.1
10236.	202.6	-61.1	47.5	47.5	-62.3	83.	0.0055	0.0055	0.3533	215.0	0.0
10236.	201.5	-61.1	47.5	47.5	-62.3	83.	0.0055	0.0055	0.3523	215.0	0.0
10236.	200.4	-61.1	47.5	47.5	-62.3	83.	0.0055	0.0055	0.3513	215.0	0.0
10236.	199.3	-61.1	47.5	47.5	-62.3	83.	0.0055	0.0055	0.3503	215.0	0.0
10236.	198.2	-61.1	47.5	47.5	-62.3	83.	0.0055	0.0055	0.3493	215.0	0.0
10236.	197.1	-61.1	47.5	47.5	-62.3	83.	0.0055	0.0055	0.3483	215.0	0.0
10236.	196.0	-61.1	47.5	47.5	-62.3	83.	0.0055	0.0055	0.3473	215.0	0.0
10236.	194.9	-61.1	47.5	47.5	-62.3	83.	0.0055	0.0055	0.3463	215.0	0.0
10236.	193.8	-61.1	47.5	47.5	-62.3	83.	0.0055	0.0055	0.3453	215.0	0.0
10236.	192.7	-61.1	47.5	47.5	-62.3	83.	0.0055	0.0055	0.3443	215.0	0.0
10236.	191.6	-61.1	47.5	47.5	-62.3	83.	0.0055	0.0055	0.3433	215.0	0.0
10236.	190.5	-61.1	47.5	47.5	-62.3	83.	0.0055	0.0055	0.3423	215.0	0.0
10236.	189.4	-61.1	47.5	47.5	-62.3	83.	0.0055	0.0055	0.3413	215.0	0.0
10236.	188.3	-61.1	47.5	47.5	-62.3	83.	0.0055	0.0055	0.3403	215.0	0.0
10236.	187.2	-61.1	47.5	47.5	-62.3	83.	0.0055	0.0055	0.3393	215.0	0.0
10236.	186.1	-61.1	47.5	47.5	-62.3	83.	0.0055	0.0055	0.3383	215.0	0.0
10236.	185.0	-61.1	47.5	47.5	-62.3	83.	0.0055	0.0055	0.3373	215.0	0.0
10236.	183.9	-61.1	47.5	47.5	-62.3	83.	0.0055	0.0055	0.3363	215.0	0.0
10236.	182.8	-61.1	47.5	47.5	-62.3	83.	0.0055				

SOURCE: 4.0
 LATITUDE: -0.00
 DATE: 11-11-01
 TIME: 2329 041

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HEIGHT (M)	FRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3-RHGW (G/M+3)	RHO (KG/M+3)	DIP (DEG)	SPEED (M/S)
3914.	613.6	-10.3	29.1	23.5	-12.2	84.	2.1316	1.7733	0.8142	316.0	27.7
3957.	609.6	-10.4	29.4	23.8	-12.7	82.	2.0344	1.7085	0.8102	316.0	27.7
3999.	606.5	-10.7	29.6	23.0	-13.2	80.	1.9489	1.6327	0.8067	316.0	27.7
4037.	603.3	-11.0	29.7	22.1	-13.7	77.	1.8744	1.5581	0.8032	317.0	27.7
4071.	600.0	-11.3	29.9	21.2	-14.2	74.	1.8000	1.4833	0.7997	317.0	27.7
4116.	597.6	-11.5	30.0	20.3	-14.7	71.	1.7266	1.4085	0.7964	317.0	27.7
4148.	594.6	-11.7	30.2	19.4	-15.2	68.	1.6544	1.3337	0.7934	317.0	27.7
4185.	591.7	-12.0	30.3	18.5	-15.7	65.	1.5836	1.2589	0.7904	317.0	27.7
4224.	588.7	-12.3	30.4	17.6	-16.2	63.	1.5144	1.1841	0.7873	317.0	27.7
4267.	585.4	-12.6	30.5	16.7	-16.7	61.	1.4466	1.1093	0.7843	317.0	27.7
4310.	582.1	-12.9	30.6	15.8	-17.2	59.	1.3800	1.0345	0.7813	317.0	27.7
4351.	579.0	-13.2	30.6	14.9	-17.7	57.	1.3144	0.9597	0.7783	317.0	27.7
4392.	575.9	-13.5	30.6	14.0	-18.2	55.	1.2500	0.8849	0.7753	317.0	27.7
4436.	572.7	-13.7	30.6	13.1	-18.7	53.	1.1866	0.8101	0.7723	317.0	27.7
4477.	569.6	-14.0	30.6	12.2	-19.2	51.	1.1244	0.7353	0.7693	317.0	27.7
4512.	566.5	-14.2	30.6	11.3	-19.7	49.	1.0633	0.6605	0.7663	317.0	27.7
4552.	563.3	-14.5	30.6	10.4	-20.2	47.	1.0033	0.5857	0.7633	317.0	27.7
4597.	560.0	-14.8	30.6	9.5	-20.7	45.	0.9444	0.5109	0.7603	317.0	27.7
4642.	556.7	-15.1	30.6	8.6	-21.2	43.	0.8866	0.4361	0.7573	317.0	27.7
4687.	553.4	-15.4	30.6	7.7	-21.7	41.	0.8300	0.3613	0.7543	317.0	27.7
4731.	550.0	-15.7	30.6	6.8	-22.2	39.	0.7744	0.2865	0.7513	317.0	27.7
4773.	546.6	-16.0	30.6	5.9	-22.7	37.	0.7200	0.2117	0.7483	317.0	27.7
4813.	543.3	-16.3	30.6	5.0	-23.2	35.	0.6666	0.1369	0.7453	317.0	27.7
4857.	540.0	-16.6	30.6	4.1	-23.7	33.	0.6144	0.0621	0.7423	317.0	27.7
4901.	536.7	-16.9	30.6	3.2	-24.2	31.	0.5633	0.0000	0.7393	317.0	27.7
4944.	533.3	-17.2	30.6	2.3	-24.7	29.	0.5133	0.0000	0.7363	317.0	27.7
4986.	530.0	-17.5	30.6	1.4	-25.2	27.	0.4644	0.0000	0.7333	317.0	27.7
5026.	526.7	-17.8	30.6	0.5	-25.7	25.	0.4166	0.0000	0.7303	317.0	27.7
5067.	523.4	-18.1	30.6	-0.4	-26.2	23.	0.3700	0.0000	0.7273	317.0	27.7
5107.	520.0	-18.4	30.6	-1.3	-26.7	21.	0.3244	0.0000	0.7243	317.0	27.7
5145.	516.7	-18.7	30.6	-2.2	-27.2	19.	0.2800	0.0000	0.7213	317.0	27.7
5182.	513.3	-19.0	30.6	-3.1	-27.7	17.	0.2366	0.0000	0.7183	317.0	27.7
5220.	510.0	-19.3	30.6	-4.0	-28.2	15.	0.1944	0.0000	0.7153	317.0	27.7
5260.	506.7	-19.6	30.6	-4.9	-28.7	13.	0.1533	0.0000	0.7123	317.0	27.7
5305.	503.3	-19.9	30.6	-5.8	-29.2	11.	0.1133	0.0000	0.7093	317.0	27.7
5346.	500.0	-20.2	30.6	-6.7	-29.7	9.	0.0744	0.0000	0.7063	317.0	27.7
5387.	496.7	-20.5	30.6	-7.6	-30.2	7.	0.0366	0.0000	0.7033	317.0	27.7
5432.	493.3	-20.8	30.6	-8.5	-30.7	5.	0.0000	0.0000	0.7003	317.0	27.7
5477.	490.0	-21.1	30.6	-9.4	-31.2	3.	0.0000	0.0000	0.6973	317.0	27.7
5524.	486.7	-21.4	30.6	-10.3	-31.7	1.	0.0000	0.0000	0.6943	317.0	27.7
5567.	483.3	-21.7	30.6	-11.2	-32.2	0.	0.0000	0.0000	0.6913	317.0	27.7
5610.	480.0	-22.0	30.6	-12.1	-32.7	0.	0.0000	0.0000	0.6883	317.0	27.7
5657.	476.7	-22.3	30.6	-13.0	-33.2	0.	0.0000	0.0000	0.6853	317.0	27.7
5700.	473.3	-22.6	30.6	-13.9	-33.7	0.	0.0000	0.0000	0.6823	317.0	27.7
5755.	470.0	-22.9	30.6	-14.8	-34.2	0.	0.0000	0.0000	0.6793	317.0	27.7
5806.	466.7	-23.2	30.6	-15.7	-34.7	0.	0.0000	0.0000	0.6763	317.0	27.7
5854.	463.3	-23.5	30.6	-16.6	-35.2	0.	0.0000	0.0000	0.6733	317.0	27.7
5907.	460.0	-23.8	30.6	-17.5	-35.7	0.	0.0000	0.0000	0.6703	317.0	27.7
5952.	456.7	-24.1	30.6	-18.4	-36.2	0.	0.0000	0.0000	0.6673	317.0	27.7
6001.	453.3	-24.4	30.6	-19.3	-36.7	0.	0.0000	0.0000	0.6643	317.0	27.7
6057.	450.0	-24.7	30.6	-20.2	-37.2	0.	0.0000	0.0000	0.6613	317.0	27.7
6117.	446.7	-25.0	30.6	-21.1	-37.7	0.	0.0000	0.0000	0.6583	317.0	27.7
6183.	443.3	-25.3	30.6	-22.0	-38.2	0.	0.0000	0.0000	0.6553	317.0	27.7
6253.	440.0	-25.6	30.6	-22.9	-38.7	0.	0.0000	0.0000	0.6523	317.0	27.7
6327.	436.7	-25.9	30.6	-23.8	-39.2	0.	0.0000	0.0000	0.6493	317.0	27.7
6407.	433.3	-26.2	30.6	-24.7	-39.7	0.	0.0000	0.0000	0.6463	317.0	27.7
6494.	430.0	-26.5	30.6	-25.6	-40.2	0.	0.0000	0.0000	0.6433	317.0	27.7
6587.	426.7	-26.8	30.6	-26.5	-40.7	0.	0.0000	0.0000	0.6403	317.0	27.7
6686.	423.3	-27.1	30.6	-27.4	-41.2	0.	0.0000	0.0000	0.6373	317.0	27.7
6792.	420.0	-27.4	30.6	-28.3	-41.7	0.	0.0000	0.0000	0.6343	317.0	27.7
6905.	416.7	-27.7	30.6	-29.2	-42.2	0.	0.0000	0.0000	0.6313	317.0	27.7
7027.	413.3	-28.0	30.6	-30.1	-42.7	0.	0.0000	0.0000	0.6283	317.0	27.7
7157.	410.0	-28.3	30.6	-31.0	-43.2	0.	0.0000	0.0000	0.6253	317.0	27.7
7297.	406.7	-28.6	30.6	-31.9	-43.7	0.	0.0000	0.0000	0.6223	317.0	27.7
7447.	403.3	-28.9	30.6	-32.8	-44.2	0.	0.0000	0.0000	0.6193	317.0	27.7
7607.	400.0	-29.2	30.6	-33.7	-44.7	0.	0.0000	0.0000	0.6163	317.0	27.7
7777.	396.7	-29.5	30.6	-34.6	-45.2	0.	0.0000	0.0000	0.6133	317.0	27.7
7957.	393.3	-29.8	30.6	-35.5	-45.7	0.	0.0000	0.0000	0.6103	317.0	27.7
8147.	390.0	-30.1	30.6	-36.4	-46.2	0.	0.0000	0.0000	0.6073	317.0	27.7
8347.	386.7	-30.4	30.6	-37.3	-46.7	0.	0.0000	0.0000	0.6043	317.0	27.7
8557.	383.3	-30.7	30.6	-38.2	-47.2	0.	0.0000	0.0000	0.6013	317.0	27.7
8777.	380.0	-31.0	30.6	-39.1	-47.7	0.	0.0000	0.0000	0.5983	317.0	27.7
8997.	376.7	-31.3	30.6	-40.0	-48.2	0.	0.0000	0.0000	0.5953	317.0	27.7
9227.	373.3	-31.6	30.6	-40.9	-48.7	0.	0.0000	0.0000	0.5923	317.0	27.7
9467.	370.0	-31.9	30.6	-41.8	-49.2	0.	0.0000	0.0000	0.5893	317.0	27.7
9717.	366.7	-32.2	30.6	-42.7	-49.7	0.	0.0000	0.0000	0.5863	317.0	27.7
9977.	363.3	-32.5	30.6	-43.6	-50.2	0.	0.0000	0.0000	0.5833	317.0	27.7
10247.	360.0	-32.8	30.6	-44.5	-50.7	0.	0.0000	0.0000	0.5803	317.0	27.7
10527.	356.7	-33.1	30.6	-45.4	-51.2	0.	0.0000	0.0000	0.5773	317.0	27.7
10817.	353.3	-33.4	30.6	-46.3	-51.7	0.	0.0000	0.0000	0.5743	317.0	27.7
11117.	350.0	-33.7	30.6	-47.2	-52.2	0.	0.0000	0.0000	0.5713	317.0	27.7
11427.	346.7	-34.0	30.6	-48.1	-52.7	0.	0.0000	0.0000	0.5683	317.0	27.7
11747.	343.3	-34.3	30.6	-49.0	-53.2	0.	0.0000	0.0000	0.5653	317.0	27.7
12077.	340.0	-34.6	30.6	-49.9	-53.7	0.	0.0000	0.0000	0.5623	317.0	27.7
12417.	336.7	-34.9	30.6	-50.8	-54.2	0.	0.0000	0.0000	0.5593	317.0	27.7
12767.	333.3	-35.2	30.6	-51.7	-54.7	0.	0.0000	0.0000	0.5563	317.0	27.7
13127.	330.0	-35.5	30.6	-52.6	-55.2	0.	0.0000	0.0000	0.5533	317.0	27.7
13507.	326.7	-35.8	30.6	-53.5	-55.7	0.	0.0000	0.0000	0.5503	317.0	27.7
13897.	323.3	-36.1	30.6	-54.4	-56.2	0.	0.0000	0.0000	0.5473	317.0	27.7
14307.	320.0	-36.4	30.6	-55.3	-56.7	0.	0.0000	0.0000	0.5443	317.0	27.7
14727.	316.7	-36.7	30.6	-56.2	-57.2	0.	0.0000	0.0000	0.5413	317.0	27.7
15157.	313.3	-37.0	30.6	-57.1	-57.7	0.	0.0000	0.0000	0.5383	317.0	27.7
15607.	310.0	-37.3	30.6	-58.0	-58.2	0.	0.0000	0.0000	0.5353	317.0	27.7
16077.	306.7	-37.6	30.6	-58.9	-58.7	0.	0.0000	0.0000	0.5323	317.0	27.7
16567.	303.3	-37.9	30.6	-59.8	-59.2	0.	0.0000	0.0000	0.5293	317.0	27.7
17077.	300.0	-38.2	30.6	-60.7	-59.7	0.	0.0000	0.0000	0.5263	317.0	27.7
17607.	296.7	-38.5	30.6	-61.6	-60.2	0.	0.0000	0.0000	0.5233	317.0	27.7
18157.	293.3	-38.8	30.6	-62.5	-60.7	0.	0.0000	0.0000	0.5203	317.0	27.7
18727.	290.0	-39.1	30.6	-63.4	-61.2	0.	0.0000	0.0000	0.5173	317.0	27.7
19317.	286.7	-39.4	30.6	-64.3	-61.7	0.	0.0000	0.0000	0.5143	317.0	27.7
19927.	283.3	-39.7	30.6	-65.2	-62.2	0.	0.0000	0.0000	0.5113	317.0	27.7
20557.	280.0	-40.0	30.6	-66.1	-62.7	0.	0.0000	0.0000	0.5083	317.0	27.7
21207.	276.7	-40.3	30.6	-67.0	-63.2	0.	0.0000	0.0000	0.5053	317.0	27.7
21877.	273										

HEIGHT (M)	PRES (Kb)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MM)	1E+3-RHGW (G/M+3)	RHO (KG/M+3)	DIP (DEG)	SPEED (M/S)
8437.	327.2	-44.6	41.6	41.6	-52.5	39.	0.0284	0.0283	0.4992	27.7	27.7
8476.	325.1	-45.0	41.1	41.1	-53.3	39.	0.0275	0.0271	0.4970	27.7	27.7
8521.	323.1	-45.5	41.1	41.1	-53.3	39.	0.0266	0.0258	0.4947	27.7	27.7
8566.	321.1	-46.0	41.2	41.2	-53.5	39.	0.0255	0.0243	0.4923	27.7	27.7
8608.	318.9	-46.6	41.3	41.3	-54.1	39.	0.0243	0.0233	0.4897	27.7	27.7
8656.	316.5	-47.0	41.5	41.5	-54.4	39.	0.0230	0.0225	0.4868	27.7	27.7
8704.	314.3	-47.4	41.6	41.6	-54.8	39.	0.0216	0.0214	0.4842	27.7	27.7
8755.	311.9	-47.7	41.7	41.7	-55.1	39.	0.0203	0.0205	0.4813	27.7	27.7
8799.	309.8	-47.9	41.6	41.6	-55.8	37.	0.0189	0.0188	0.4791	27.7	27.7
8846.	307.6	-48.2	41.7	41.7	-56.2	37.	0.0176	0.0180	0.4766	27.7	27.7
8891.	305.5	-48.5	41.7	41.7	-56.6	37.	0.0161	0.0171	0.4742	27.7	27.7
8936.	303.4	-48.8	42.0	42.0	-57.0	37.	0.0145	0.0165	0.4715	27.7	27.7
8984.	301.2	-49.3	41.9	41.9	-57.6	37.	0.0130	0.0155	0.4692	27.7	27.7
9034.	299.1	-50.0	42.0	42.0	-58.6	36.	0.0115	0.0143	0.4666	27.7	27.7
9099.	297.4	-50.6	42.5	42.5	-59.1	34.	0.0101	0.0133	0.4639	27.7	27.7
9155.	295.6	-51.4	42.5	42.5	-59.7	34.	0.0086	0.0123	0.4615	27.7	27.7
9217.	293.9	-52.0	42.6	42.6	-60.3	34.	0.0071	0.0114	0.4595	27.7	27.7
9276.	292.7	-52.5	42.6	42.6	-60.5	35.	0.0056	0.0106	0.4575	27.7	27.7
9339.	291.2	-53.0	42.7	42.7	-61.0	35.	0.0041	0.0097	0.4550	27.7	27.7
9399.	289.6	-53.5	42.7	42.7	-61.4	35.	0.0026	0.0089	0.4526	27.7	27.7
9455.	288.1	-53.9	42.9	42.9	-61.6	36.	0.0011	0.0083	0.4503	27.7	27.7
9501.	287.3	-54.4	43.1	43.1	-62.0	36.	0.0006	0.0077	0.4481	27.7	27.7
9548.	286.5	-54.8	43.1	43.1	-62.2	36.	0.0001	0.0071	0.4459	27.7	27.7
9598.	285.7	-55.3	43.3	43.3	-62.7	35.	0.0000	0.0065	0.4437	27.7	27.7
9651.	284.9	-55.8	43.3	43.3	-63.1	35.	0.0000	0.0059	0.4415	27.7	27.7
9707.	284.1	-56.3	43.3	43.3	-63.5	35.	0.0000	0.0053	0.4393	27.7	27.7
9766.	283.3	-56.8	43.3	43.3	-63.9	35.	0.0000	0.0047	0.4372	27.7	27.7
9815.	282.6	-57.3	43.3	43.3	-64.3	35.	0.0000	0.0041	0.4350	27.7	27.7
9877.	282.4	-57.7	43.3	43.3	-64.6	35.	0.0000	0.0035	0.4328	27.7	27.7
9923.	282.2	-58.1	43.3	43.3	-65.0	35.	0.0000	0.0029	0.4306	27.7	27.7
9979.	282.0	-58.5	43.3	43.3	-65.3	35.	0.0000	0.0023	0.4284	27.7	27.7
10038.	281.8	-58.9	43.3	43.3	-65.7	35.	0.0000	0.0017	0.4262	27.7	27.7
10092.	281.6	-59.3	43.3	43.3	-66.1	35.	0.0000	0.0011	0.4240	27.7	27.7
10149.	281.4	-59.7	43.3	43.3	-66.5	35.	0.0000	0.0005	0.4218	27.7	27.7
10207.	281.2	-60.1	43.3	43.3	-66.9	35.	0.0000	0.0000	0.4196	27.7	27.7
10262.	281.0	-60.5	43.3	43.3	-67.3	35.	0.0000	0.0000	0.4174	27.7	27.7
10318.	280.8	-60.9	43.3	43.3	-67.7	35.	0.0000	0.0000	0.4152	27.7	27.7
10374.	280.6	-61.3	43.3	43.3	-68.1	35.	0.0000	0.0000	0.4130	27.7	27.7
10433.	280.4	-61.7	43.3	43.3	-68.5	35.	0.0000	0.0000	0.4108	27.7	27.7
10492.	280.2	-62.1	43.3	43.3	-68.9	35.	0.0000	0.0000	0.4086	27.7	27.7
10554.	280.0	-62.5	43.3	43.3	-69.3	35.	0.0000	0.0000	0.4064	27.7	27.7
10617.	279.8	-62.9	43.3	43.3	-69.7	35.	0.0000	0.0000	0.4042	27.7	27.7
10677.	279.6	-63.3	43.3	43.3	-70.1	35.	0.0000	0.0000	0.4020	27.7	27.7
10736.	279.4	-63.7	43.3	43.3	-70.5	35.	0.0000	0.0000	0.4000	27.7	27.7
10787.	279.2	-64.1	43.3	43.3	-70.9	35.	0.0000	0.0000	0.3979	27.7	27.7
10838.	279.0	-64.5	43.3	43.3	-71.3	35.	0.0000	0.0000	0.3958	27.7	27.7
10889.	278.8	-64.9	43.3	43.3	-71.7	35.	0.0000	0.0000	0.3937	27.7	27.7
10941.	278.6	-65.3	43.3	43.3	-72.1	35.	0.0000	0.0000	0.3916	27.7	27.7
10993.	278.4	-65.7	43.3	43.3	-72.5	35.	0.0000	0.0000	0.3895	27.7	27.7
11042.	278.2	-66.1	43.3	43.3	-72.9	35.	0.0000	0.0000	0.3874	27.7	27.7
11093.	278.0	-66.5	43.3	43.3	-73.3	35.	0.0000	0.0000	0.3853	27.7	27.7
11145.	277.8	-66.9	43.3	43.3	-73.7	35.	0.0000	0.0000	0.3832	27.7	27.7
11198.	277.6	-67.3	43.3	43.3	-74.1	35.	0.0000	0.0000	0.3811	27.7	27.7
11247.	277.4	-67.7	43.3	43.3	-74.5	35.	0.0000	0.0000	0.3790	27.7	27.7
11295.	277.2	-68.1	43.3	43.3	-74.9	35.	0.0000	0.0000	0.3769	27.7	27.7
11347.	277.0	-68.5	43.3	43.3	-75.3	35.	0.0000	0.0000	0.3748	27.7	27.7
11395.	276.8	-68.9	43.3	43.3	-75.7	35.	0.0000	0.0000	0.3727	27.7	27.7
11437.	276.6	-69.3	43.3	43.3	-76.1	35.	0.0000	0.0000	0.3706	27.7	27.7
11484.	276.4	-69.7	43.3	43.3	-76.5	35.	0.0000	0.0000	0.3685	27.7	27.7
11532.	276.2	-70.1	43.3	43.3	-76.9	35.	0.0000	0.0000	0.3664	27.7	27.7
11577.	276.0	-70.5	43.3	43.3	-77.3	35.	0.0000	0.0000	0.3643	27.7	27.7
11621.	275.8	-70.9	43.3	43.3	-77.7	35.	0.0000	0.0000	0.3622	27.7	27.7
11667.	275.6	-71.3	43.3	43.3	-78.1	35.	0.0000	0.0000	0.3601	27.7	27.7
11711.	275.4	-71.7	43.3	43.3	-78.5	35.	0.0000	0.0000	0.3580	27.7	27.7
11758.	275.2	-72.1	43.3	43.3	-78.9	35.	0.0000	0.0000	0.3559	27.7	27.7
11804.	275.0	-72.5	43.3	43.3	-79.3	35.	0.0000	0.0000	0.3538	27.7	27.7
11849.	274.8	-72.9	43.3	43.3	-79.7	35.	0.0000	0.0000	0.3517	27.7	27.7
11894.	274.6	-73.3	43.3	43.3	-80.1	35.	0.0000	0.0000	0.3496	27.7	27.7
11947.	274.4	-73.7	43.3	43.3	-80.5	35.	0.0000	0.0000	0.3475	27.7	27.7
11995.	274.2	-74.1	43.3	43.3	-80.9	35.	0.0000	0.0000	0.3454	27.7	27.7
12047.	274.0	-74.5	43.3	43.3	-81.3	35.	0.0000	0.0000	0.3433	27.7	27.7
12098.	273.8	-74.9	43.3	43.3	-81.7	35.	0.0000	0.0000	0.3412	27.7	27.7
12142.	273.6	-75.3	43.3	43.3	-82.1	35.	0.0000	0.0000	0.3391	27.7	27.7
12182.	273.4	-75.7	43.3	43.3	-82.5	35.	0.0000	0.0000	0.3370	27.7	27.7
12226.	273.2	-76.1	43.3	43.3	-82.9	35.	0.0000	0.0000	0.3349	27.7	27.7
12268.	273.0	-76.5	43.3	43.3	-83.3	35.	0.0000	0.0000	0.3328	27.7	27.7
12314.	272.8	-76.9	43.3	43.3	-83.7	35.	0.0000	0.0000	0.3307	27.7	27.7
12349.	272.6	-77.3	43.3	43.3	-84.1	35.	0.0000	0.0000	0.3286	27.7	27.7
12382.	272.4	-77.7	43.3	43.3	-84.5	35.	0.0000	0.0000	0.3265	27.7	27.7
12421.	272.2	-78.1	43.3	43.3	-84.9	35.	0.0000	0.0000	0.3244	27.7	27.7
12465.	272.0	-78.5	43.3	43.3	-85.3	35.	0.0000	0.0000	0.3223	27.7	27.7
12507.	271.8	-78.9	43.3	43.3	-85.7	35.	0.0000	0.0000	0.3202	27.7	27.7
12551.	271.6	-79.3	43.3	43.3	-86.1	35.	0.0000	0.0000	0.3181	27.7	27.7
12596.	271.4	-79.7	43.3	43.3	-86.5	35.	0.0000	0.0000	0.3160	27.7	27.7
12641.	271.2	-80.1	43.3	43.3	-86.9	35.	0.0000	0.0000	0.3139	27.7	27.7
12672.	271.0	-80.5	43.3	43.3	-87.3	35.	0.0000	0.0000	0.3118	27.7	27.7
12717.	270.8	-80.9	43.3	43.3	-87.7	35.	0.0000	0.0000	0.3097	27.7	27.7
12766.	270.6	-81.3	43.3	43.3	-88.1	35.	0.0000	0.0000	0.3076	27.7	27.7
12808.	270.4	-81.7	43.3	43.3	-88.5	35.	0.0000	0.0000	0.3055	27.7	27.7
12849.	270.2	-82.1	43.3	43.3	-88.9	35.	0.0000	0.0000	0.3034	27.7	27.7
12894.	270.0	-82.5	43.3	43.3	-89.3	35.	0.0000	0.0000	0.3013	27.7	27.7
12934.	269.8	-82.9	43.3	43.3	-89.7	35.	0.0000	0.0000	0.2992	27.7	27.7
12979.	269.6	-83.3	43.3	43.3	-90.1	35.	0.0000	0.0000	0.2971	27.7	27.7
13021.	269.4	-83.7	43.3	43.3	-90.5	35.	0.0000	0.0000	0.2950	27.7	27.7
13067.	269.2	-84.1	43.3	43.3	-90.9	35.	0.0000	0.0000	0.2929	27.7	27.7
13115.	269.0	-84.5	43.3	43.3	-91.3	35.	0.0000	0.0000	0.2908	27.7	27.7
13155.	268.8	-84.9	43.3	43.3	-91.7	35.	0.0000	0.0000	0.2887	27.7	27.7
13191.	268.6	-85.3	43.3	43.3	-92.1	35.	0.0000	0.0000	0.2866	27.7	27.7
13224.	268.4	-85.7	43.3	43.3	-92.5	35.	0.0000	0.0000	0.2845	27.7	27.7
13272.	268.2	-86.1	43.3	43.3	-92.9	35.	0.0000	0.0000	0.2824	27.7	27.7
13314.	268.0	-86.5	43.3	43.3	-93.3	35.	0.0000	0.0000	0.2803	27.7	27.7
13356.	267.8	-86.9	43.3	43.3	-93.7	35.	0.0000	0.0000	0.2782	27.7	27.7
13401.	267.6	-87.3	43.3	43.3	-94.1	35.	0.0000	0.0000	0.2761	27	

SOUNDING 57.0
LATITUDE -59.7 LONGITUDE 0.5
DATE 11-12-81 TIME 1140 GMT
NUMBER OF LEVELS 288

206

HEIGHT (M)	PRES (Kb)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (Kb)	1E+3-RHGW (G/M+3)	RHO (KG/M+3)	DIF (DEG)	SPEED (M/S)
156.	98.8	1.5	1.5	1.5	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
257.	98.7	1.4	1.4	1.4	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
358.	98.6	1.3	1.3	1.3	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
459.	98.5	1.2	1.2	1.2	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
560.	98.4	1.1	1.1	1.1	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
661.	98.3	1.0	1.0	1.0	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
762.	98.2	0.9	0.9	0.9	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
863.	98.1	0.8	0.8	0.8	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
964.	98.0	0.7	0.7	0.7	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
1065.	97.9	0.6	0.6	0.6	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
1166.	97.8	0.5	0.5	0.5	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
1267.	97.7	0.4	0.4	0.4	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
1368.	97.6	0.3	0.3	0.3	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
1469.	97.5	0.2	0.2	0.2	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
1570.	97.4	0.1	0.1	0.1	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
1671.	97.3	0.0	0.0	0.0	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
1772.	97.2	-0.1	-0.1	-0.1	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
1873.	97.1	-0.2	-0.2	-0.2	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
1974.	97.0	-0.3	-0.3	-0.3	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
2075.	96.9	-0.4	-0.4	-0.4	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
2176.	96.8	-0.5	-0.5	-0.5	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
2277.	96.7	-0.6	-0.6	-0.6	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
2378.	96.6	-0.7	-0.7	-0.7	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
2479.	96.5	-0.8	-0.8	-0.8	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
2580.	96.4	-0.9	-0.9	-0.9	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
2681.	96.3	-1.0	-1.0	-1.0	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
2782.	96.2	-1.1	-1.1	-1.1	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
2883.	96.1	-1.2	-1.2	-1.2	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
2984.	96.0	-1.3	-1.3	-1.3	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
3085.	95.9	-1.4	-1.4	-1.4	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
3186.	95.8	-1.5	-1.5	-1.5	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
3287.	95.7	-1.6	-1.6	-1.6	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
3388.	95.6	-1.7	-1.7	-1.7	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
3489.	95.5	-1.8	-1.8	-1.8	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
3590.	95.4	-1.9	-1.9	-1.9	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
3691.	95.3	-2.0	-2.0	-2.0	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
3792.	95.2	-2.1	-2.1	-2.1	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
3893.	95.1	-2.2	-2.2	-2.2	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
3994.	95.0	-2.3	-2.3	-2.3	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
4095.	94.9	-2.4	-2.4	-2.4	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
4196.	94.8	-2.5	-2.5	-2.5	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
4297.	94.7	-2.6	-2.6	-2.6	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
4398.	94.6	-2.7	-2.7	-2.7	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
4499.	94.5	-2.8	-2.8	-2.8	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
4600.	94.4	-2.9	-2.9	-2.9	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
4701.	94.3	-3.0	-3.0	-3.0	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
4802.	94.2	-3.1	-3.1	-3.1	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
4903.	94.1	-3.2	-3.2	-3.2	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
5004.	94.0	-3.3	-3.3	-3.3	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
5105.	93.9	-3.4	-3.4	-3.4	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
5206.	93.8	-3.5	-3.5	-3.5	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
5307.	93.7	-3.6	-3.6	-3.6	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
5408.	93.6	-3.7	-3.7	-3.7	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
5509.	93.5	-3.8	-3.8	-3.8	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
5610.	93.4	-3.9	-3.9	-3.9	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8
5711.	93.3	-4.0	-4.0	-4.0	-1.2	79.	4.647	4.4936	1.2528	347.0	1.8

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3+RHCV (G/M+3)	RHO (KG/M+3)	DIR (DEG)	SPEED (M/S)
5836	476.3	-24.0	34.8	34.9	-26.4	79.	0.5536	0.4861	0.6664	320.0	35.5
5894	472.5	-24.4	35.0	35.1	-26.7	79.	0.5321	0.4679	0.6622	320.0	35.6
5949	469.0	-24.8	35.2	35.3	-27.1	79.	0.5113	0.4504	0.6583	320.0	35.6
6006	465.3	-25.2	35.4	35.5	-27.5	79.	0.4913	0.4334	0.6542	320.0	35.6
6062	461.7	-25.6	35.5	35.7	-27.9	79.	0.4720	0.4170	0.6501	320.0	35.5
6119	458.1	-26.0	35.7	35.9	-28.3	79.	0.4534	0.4013	0.6461	320.0	35.6
6176	454.5	-26.4	35.8	36.0	-28.8	79.	0.4311	0.3823	0.6423	320.0	35.5
6238	450.6	-27.0	35.9	36.0	-29.3	79.	0.4098	0.3641	0.6381	321.0	35.4
6286	447.6	-27.4	36.0	36.1	-29.7	79.	0.3934	0.3502	0.6348	321.0	35.2
6341	444.2	-27.8	36.2	36.3	-30.1	79.	0.3777	0.3367	0.6310	321.0	35.1
6393	441.0	-28.2	36.6	36.7	-30.6	79.	0.3701	0.3302	0.6270	321.0	35.8
6448	437.6	-28.6	36.9	37.0	-31.0	79.	0.3589	0.3206	0.6229	322.0	35.6
6502	434.1	-29.0	37.1	37.1	-31.4	79.	0.3444	0.3081	0.6192	322.0	35.3
6557	431.1	-29.4	37.4	37.4	-31.8	79.	0.3339	0.2991	0.6154	322.0	35.9
6607	428.0	-29.8	37.8	37.7	-32.2	79.	0.3237	0.2903	0.6117	323.0	35.7
6660	424.8	-30.2	38.0	38.1	-32.6	79.	0.3171	0.2846	0.6076	323.0	35.4
6714	421.9	-30.6	38.5	38.6	-33.0	79.	0.3138	0.2818	0.6037	324.0	35.1
6769	418.7	-30.9	38.8	38.9	-33.4	79.	0.3042	0.2735	0.5999	324.0	35.9
6821	415.3	-31.0	39.0	39.1	-33.5	79.	0.2918	0.2628	0.5960	325.0	35.7
6876	412.1	-31.1	39.2	39.2	-33.6	79.	0.2798	0.2524	0.5924	325.0	35.5
6931	408.8	-31.1	39.3	39.4	-33.7	79.	0.2683	0.2424	0.5887	325.0	35.3
6983	405.5	-31.1	39.5	39.6	-33.7	79.	0.2573	0.2328	0.5854	326.0	35.2
7035	402.2	-31.2	39.6	39.6	-33.8	79.	0.2441	0.2213	0.5822	326.0	35.1
7086	399.3	-31.2	39.7	39.7	-33.8	79.	0.2336	0.2125	0.5789	327.0	35.0
7141	396.4	-31.2	40.0	40.0	-33.9	79.	0.2266	0.2061	0.5752	327.0	35.9
7193	394.1	-31.3	40.1	40.1	-34.0	79.	0.2171	0.1978	0.5720	327.0	35.9
7246	391.1	-31.3	40.3	40.3	-34.1	79.	0.2080	0.1898	0.5686	328.0	35.9
7297	388.8	-31.3	40.3	40.4	-34.1	79.	0.1993	0.1822	0.5654	328.0	35.8
7343	385.6	-31.4	40.4	40.5	-34.2	79.	0.1925	0.1748	0.5626	328.0	35.9
7391	383.3	-31.4	40.6	40.7	-34.3	79.	0.1848	0.1694	0.5595	328.0	35.0
7442	380.2	-31.5	40.6	40.7	-34.4	79.	0.1770	0.1625	0.5563	328.0	35.1
7495	377.4	-31.5	40.9	41.0	-34.5	79.	0.1695	0.1558	0.5531	328.0	35.0
7545	374.6	-31.5	41.0	41.1	-34.6	79.	0.1622	0.1494	0.5500	328.0	35.1
7598	371.9	-31.6	41.1	41.1	-34.7	79.	0.1536	0.1418	0.5471	328.0	35.1
7644	369.3	-31.6	41.2	41.2	-34.8	79.	0.1454	0.1345	0.5445	328.0	35.1
7697	367.0	-31.7	41.2	41.2	-34.9	79.	0.1391	0.1289	0.5421	327.0	35.2
7752	364.4	-31.7	41.2	41.2	-35.0	79.	0.1346	0.1248	0.5393	327.0	35.1
7807	362.2	-31.8	41.3	41.3	-35.1	79.	0.1287	0.1196	0.5365	327.0	35.2
7867	359.7	-31.8	41.3	41.3	-35.2	79.	0.1245	0.1158	0.5333	327.0	35.3
7920	357.1	-31.9	41.7	41.7	-35.3	79.	0.1191	0.1110	0.5303	326.0	35.3
7973	354.5	-31.9	41.7	41.8	-35.4	79.	0.1138	0.1063	0.5275	325.0	35.3
8026	352.1	-32.0	42.0	42.0	-35.5	79.	0.1071	0.1020	0.5245	325.0	35.7
8079	349.8	-32.0	42.1	42.1	-35.6	79.	0.1052	0.0985	0.5218	324.0	35.7
8134	347.1	-32.1	42.2	42.2	-35.7	79.	0.1006	0.0943	0.5189	324.0	35.6
8188	344.4	-32.1	42.2	42.2	-35.8	79.	0.0961	0.0903	0.5164	323.0	35.6
8243	342.2	-32.2	42.3	42.3	-35.9	79.	0.0918	0.0864	0.5140	323.0	35.5
8298	340.0	-32.2	42.3	42.3	-36.0	79.	0.0877	0.0827	0.5117	322.0	35.5
8353	337.8	-32.2	42.3	42.3	-36.1	79.	0.0828	0.0783	0.5095	322.0	35.4
8408	335.4	-32.3	42.3	42.3	-36.2	79.	0.0791	0.0746	0.5072	322.0	35.4
8463	333.1	-32.3	42.3	42.3	-36.3	79.	0.0755	0.0716	0.5047	322.0	35.7
8518	330.7	-32.3	42.3	42.3	-36.4	79.	0.0724	0.0683	0.5023	322.0	35.7
8573	328.2	-32.4	42.7	42.7	-36.5	79.	0.0672	0.0630	0.4996	322.0	35.7
8628	325.9	-32.4	42.7	42.7	-36.6	79.	0.0645	0.0612	0.4966	321.0	35.7
8683	323.5	-32.4	43.0	43.0	-36.7	79.	0.0610	0.0583	0.4941	321.0	35.6
8738	321.1	-32.5	43.1	43.1	-36.8	79.	0.0591	0.0565	0.4911	321.0	35.6
8793	318.8	-32.5	43.1	43.1	-36.9	79.	0.0564	0.0541	0.4888	321.0	35.7
8848	316.4	-32.5	43.3	43.3	-37.0	79.	0.0544	0.0522	0.4863	321.0	35.7
8903	314.1	-32.6	43.3	43.3	-37.1	79.	0.0525	0.0504	0.4835	321.0	35.7
8958	311.7	-32.6	43.3	43.3	-37.2	79.	0.0501	0.0482	0.4810	321.0	35.7
9013	309.3	-32.7	43.3	43.3	-37.3	79.	0.0471	0.0455	0.4786	321.0	35.7
9068	307.0	-32.7	43.3	43.3	-37.4	79.	0.0448	0.0434	0.4766	321.0	35.7
9123	304.6	-32.7	43.3	43.3	-37.5	79.	0.0428	0.0415	0.4745	321.0	35.7
9178	302.2	-32.8	43.3	43.3	-37.6	79.	0.0406	0.0395	0.4721	321.0	35.7
9233	299.8	-32.8	43.3	43.3	-37.7	79.	0.0386	0.0379	0.4698	321.0	35.7
9288	297.4	-32.8	43.3	43.3	-37.8	79.	0.0366	0.0363	0.4674	321.0	35.7
9343	295.0	-32.9	43.3	43.3	-37.9	79.	0.0348	0.0343	0.4650	321.0	35.7
9398	292.6	-32.9	43.3	43.3	-38.0	79.	0.0332	0.0332	0.4625	321.0	35.7
9453	290.2	-32.9	43.3	43.3	-38.1	79.	0.0316	0.0313	0.4600	321.0	35.7
9508	287.8	-33.0	43.3	43.3	-38.2	79.	0.0304	0.0304	0.4575	321.0	35.7
9563	285.4	-33.0	43.3	43.3	-38.3	79.	0.0299	0.0299	0.4557	321.0	35.7
9618	283.0	-33.0	43.3	43.3	-38.4	79.	0.0288	0.0288	0.4530	321.0	35.7
9673	280.6	-33.1	43.3	43.3	-38.5	79.	0.0277	0.0277	0.4507	321.0	35.7
9728	278.2	-33.1	43.3	43.3	-38.6	79.	0.0266	0.0266	0.4483	321.0	35.7
9783	275.8	-33.1	43.3	43.3	-38.7	79.	0.0255	0.0255	0.4460	321.0	35.7
9838	273.4	-33.2	43.3	43.3	-38.8	79.	0.0244	0.0244	0.4436	321.0	35.7
9893	271.0	-33.2	43.3	43.3	-38.9	79.	0.0233	0.0233	0.4415	321.0	35.7
9948	268.6	-33.2	43.3	43.3	-39.0	79.	0.0221	0.0221	0.4392	321.0	35.7
10003	266.2	-33.3	43.3	43.3	-39.1	79.	0.0210	0.0210	0.4370	321.0	35.7
10058	263.8	-33.3	43.3	43.3	-39.2	79.	0.0200	0.0200	0.4348	321.0	35.7
10113	261.4	-33.3	43.3	43.3	-39.3	79.	0.0189	0.0189	0.4326	321.0	35.7
10168	259.0	-33.4	43.3	43.3	-39.4	79.	0.0178	0.0178	0.4304	321.0	35.7
10223	256.6	-33.4	43.3	43.3	-39.5	79.	0.0167	0.0167	0.4282	321.0	35.7
10278	254.2	-33.4	43.3	43.3	-39.6	79.	0.0156	0.0156	0.4260	321.0	35.7
10333	251.8	-33.5	43.3	43.3	-39.7	79.	0.0145	0.0145	0.4238	321.0	35.7
10388	249.4	-33.5	43.3	43.3	-39.8	79.	0.0134	0.0134	0.4216	321.0	35.7
10443	247.0	-33.5	43.3	43.3	-39.9	79.	0.0123	0.0123	0.4194	321.0	35.7
10498	244.6	-33.6	43.3	43.3	-40.0	79.	0.0112	0.0112	0.4172	321.0	35.7
10553	242.2	-33.6	43.3	43.3	-40.1	79.	0.0101	0.0101	0.4150	321.0	35.7
10608	239.8	-33.6	43.3	43.3	-40.2	79.	0.0090	0.0090	0.4128	321.0	35.7
10663	237.4	-33.7	43.3	43.3	-40.3	79.	0.0079	0.0079	0.4106	321.0	35.7
10718	235.0	-33.7	43.3	43.3	-40.4	79.	0.0068	0.0068	0.4084	321.0	35.7
10773	232.6	-33.7	43.3	43.3	-40.5	79.	0.0057	0.0057	0.4062	321.0	35.7
10828	230.2	-33.8	43.3	43.3	-40.6	79.	0.0046	0.0046	0.4040	321.0	35.7
10883	227.8	-33.8	43.3	43.3	-40.7	79.	0.0035	0.0035	0.4018	321.0	35.7
10938	225.4	-33.8	43.3	43.3	-40.8	79.	0.0024	0.0024	0.3996	321.0	35.7
10993	223.0	-33.9	43.3	43.3	-40.9	79.	0.0013	0.0013	0.3974	321.0	35.7
11048	220.6	-33.9	43.3	43.3	-41.0	79.	0.0002	0.0002	0.3952	321.0	35.7
11103	218.2	-34.0	43.3	43.3	-41.1	79.	0.0001	0.0001	0.3930	321.0	35.7

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MR)	1E+3-RHCV (G/M+3)	RHO (KG/M+3)	DIR (DEG)	SPEED (M/S)
11081.	217.5	-63.7	50.7	50.7	-65.4	79.	0.0051	0.0054	0.3618	316.0	45.9
11129.	215.6	-64.1	50.8	50.8	-65.8	79.	0.0049	0.0051	0.3596	316.0	45.9
11177.	214.1	-64.5	50.9	50.9	-66.2	79.	0.0046	0.0048	0.3575	316.0	45.9
11226.	212.4	-64.8	51.2	51.2	-66.4	79.	0.0044	0.0046	0.3551	316.0	45.9
11269.	210.9	-65.3	51.0	51.0	-66.9	79.	0.0041	0.0043	0.3535	314.0	45.6
11315.	209.3	-65.7	51.1	51.1	-67.3	79.	0.0039	0.0041	0.3515	314.0	45.4
11356.	207.9	-66.0	51.3	51.3	-67.6	79.	0.0037	0.0039	0.3496	314.0	45.1
11400.	206.4	-66.3	51.5	51.5	-67.9	79.	0.0035	0.0037	0.3476	314.0	44.9
11447.	204.8	-66.4	51.0	51.0	-68.0	79.	0.0033	0.0035	0.3451	312.0	44.7
11491.	203.3	-66.5	51.6	51.6	-68.1	79.	0.0031	0.0033	0.3427	312.0	44.5
11539.	201.7	-66.6	51.8	51.8	-68.2	79.	0.0029	0.0031	0.3405	312.0	44.3
11584.	200.2	-66.6	51.8	51.8	-68.2	79.	0.0027	0.0029	0.3377	311.0	44.1
11623.	198.9	-66.4	51.4	51.4	-68.0	79.	0.0025	0.0027	0.3351	311.0	43.7
11666.	197.5	-66.2	51.4	51.4	-67.8	79.	0.0023	0.0025	0.3325	311.0	43.3
11709.	196.1	-66.0	51.6	51.6	-67.6	79.	0.0021	0.0023	0.3298	311.0	42.9
11756.	194.6	-65.8	51.7	51.7	-67.4	79.	0.0019	0.0021	0.3269	311.0	42.6
11800.	193.2	-65.6	51.8	51.8	-67.2	79.	0.0017	0.0019	0.3243	311.0	42.2
11847.	191.7	-65.4	51.9	51.9	-67.0	79.	0.0015	0.0017	0.3218	311.0	41.8
11891.	190.3	-65.2	52.0	52.0	-66.7	79.	0.0013	0.0015	0.3194	310.0	41.5
11933.	188.9	-65.0	52.1	52.1	-66.4	79.	0.0011	0.0013	0.3172	310.0	41.1
11978.	187.5	-64.8	52.2	52.2	-66.1	79.	0.0009	0.0011	0.3147	309.0	40.7
12020.	186.1	-64.6	52.3	52.3	-65.7	79.	0.0007	0.0009	0.3127	309.0	40.3
12063.	184.7	-64.4	52.4	52.4	-65.4	79.	0.0005	0.0007	0.3105	308.0	39.9
12105.	183.3	-64.2	52.5	52.5	-65.1	79.	0.0003	0.0005	0.3086	308.0	39.5
12149.	181.9	-64.0	52.6	52.6	-64.7	79.	0.0001	0.0003	0.3066	308.0	39.1
12193.	180.5	-63.8	52.7	52.7	-64.4	79.	0.0000	0.0001	0.3047	307.0	38.7
12237.	179.1	-63.6	52.8	52.8	-64.1	79.	0.0000	0.0000	0.3028	307.0	38.3
12281.	177.7	-63.4	52.9	52.9	-63.8	79.	0.0000	0.0000	0.3009	307.0	37.9
12325.	176.3	-63.2	53.0	53.0	-63.5	79.	0.0000	0.0000	0.2990	307.0	37.5
12369.	174.9	-63.0	53.1	53.1	-63.2	79.	0.0000	0.0000	0.2971	307.0	37.1
12413.	173.5	-62.8	53.2	53.2	-62.9	79.	0.0000	0.0000	0.2952	307.0	36.7
12457.	172.1	-62.6	53.3	53.3	-62.6	79.	0.0000	0.0000	0.2933	307.0	36.3
12501.	170.7	-62.4	53.4	53.4	-62.3	79.	0.0000	0.0000	0.2914	307.0	35.9
12545.	169.3	-62.2	53.5	53.5	-62.0	79.	0.0000	0.0000	0.2895	307.0	35.5
12589.	167.9	-62.0	53.6	53.6	-61.7	79.	0.0000	0.0000	0.2876	307.0	35.1
12633.	166.5	-61.8	53.7	53.7	-61.4	79.	0.0000	0.0000	0.2857	307.0	34.7
12677.	165.1	-61.6	53.8	53.8	-61.1	79.	0.0000	0.0000	0.2838	307.0	34.3
12721.	163.7	-61.4	53.9	53.9	-60.8	79.	0.0000	0.0000	0.2819	307.0	33.9
12765.	162.3	-61.2	54.0	54.0	-60.5	79.	0.0000	0.0000	0.2800	307.0	33.5
12809.	160.9	-61.0	54.1	54.1	-60.2	79.	0.0000	0.0000	0.2781	307.0	33.1
12853.	159.5	-60.8	54.2	54.2	-59.9	79.	0.0000	0.0000	0.2762	307.0	32.7
12897.	158.1	-60.6	54.3	54.3	-59.6	79.	0.0000	0.0000	0.2743	307.0	32.3
12941.	156.7	-60.4	54.4	54.4	-59.3	79.	0.0000	0.0000	0.2724	307.0	31.9
12985.	155.3	-60.2	54.5	54.5	-59.0	79.	0.0000	0.0000	0.2705	307.0	31.5
13029.	153.9	-60.0	54.6	54.6	-58.7	79.	0.0000	0.0000	0.2686	307.0	31.1
13073.	152.5	-59.8	54.7	54.7	-58.4	79.	0.0000	0.0000	0.2667	307.0	30.7
13117.	151.1	-59.6	54.8	54.8	-58.1	79.	0.0000	0.0000	0.2648	307.0	30.3
13161.	149.7	-59.4	54.9	54.9	-57.8	79.	0.0000	0.0000	0.2629	307.0	29.9
13205.	148.3	-59.2	55.0	55.0	-57.5	79.	0.0000	0.0000	0.2610	307.0	29.5
13249.	146.9	-59.0	55.1	55.1	-57.2	79.	0.0000	0.0000	0.2591	307.0	29.1
13293.	145.5	-58.8	55.2	55.2	-56.9	79.	0.0000	0.0000	0.2572	307.0	28.7
13337.	144.1	-58.6	55.3	55.3	-56.6	79.	0.0000	0.0000	0.2553	307.0	28.3
13381.	142.7	-58.4	55.4	55.4	-56.3	79.	0.0000	0.0000	0.2534	307.0	27.9
13425.	141.3	-58.2	55.5	55.5	-56.0	79.	0.0000	0.0000	0.2515	307.0	27.5
13469.	139.9	-58.0	55.6	55.6	-55.7	79.	0.0000	0.0000	0.2496	307.0	27.1
13513.	138.5	-57.8	55.7	55.7	-55.4	79.	0.0000	0.0000	0.2477	307.0	26.7
13557.	137.1	-57.6	55.8	55.8	-55.1	79.	0.0000	0.0000	0.2458	307.0	26.3
13601.	135.7	-57.4	55.9	55.9	-54.8	79.	0.0000	0.0000	0.2439	307.0	25.9
13645.	134.3	-57.2	56.0	56.0	-54.5	79.	0.0000	0.0000	0.2420	307.0	25.5
13689.	132.9	-57.0	56.1	56.1	-54.2	79.	0.0000	0.0000	0.2401	307.0	25.1
13733.	131.5	-56.8	56.2	56.2	-53.9	79.	0.0000	0.0000	0.2382	307.0	24.7
13777.	130.1	-56.6	56.3	56.3	-53.6	79.	0.0000	0.0000	0.2363	307.0	24.3
13821.	128.7	-56.4	56.4	56.4	-53.3	79.	0.0000	0.0000	0.2344	307.0	23.9
13865.	127.3	-56.2	56.5	56.5	-53.0	79.	0.0000	0.0000	0.2325	307.0	23.5
13909.	125.9	-56.0	56.6	56.6	-52.7	79.	0.0000	0.0000	0.2306	307.0	23.1
13953.	124.5	-55.8	56.7	56.7	-52.4	79.	0.0000	0.0000	0.2287	307.0	22.7
13997.	123.1	-55.6	56.8	56.8	-52.1	79.	0.0000	0.0000	0.2268	307.0	22.3
14041.	121.7	-55.4	56.9	56.9	-51.8	79.	0.0000	0.0000	0.2249	307.0	21.9
14085.	120.3	-55.2	57.0	57.0	-51.5	79.	0.0000	0.0000	0.2230	307.0	21.5
14129.	118.9	-55.0	57.1	57.1	-51.2	79.	0.0000	0.0000	0.2211	307.0	21.1
14173.	117.5	-54.8	57.2	57.2	-50.9	79.	0.0000	0.0000	0.2192	307.0	20.7
14217.	116.1	-54.6	57.3	57.3	-50.6	79.	0.0000	0.0000	0.2173	307.0	20.3
14261.	114.7	-54.4	57.4	57.4	-50.3	79.	0.0000	0.0000	0.2154	307.0	19.9
14305.	113.3	-54.2	57.5	57.5	-50.0	79.	0.0000	0.0000	0.2135	307.0	19.5
14349.	111.9	-54.0	57.6	57.6	-49.7	79.	0.0000	0.0000	0.2116	307.0	19.1
14393.	110.5	-53.8	57.7	57.7	-49.4	79.	0.0000	0.0000	0.2097	307.0	18.7
14437.	109.1	-53.6	57.8	57.8	-49.1	79.	0.0000	0.0000	0.2078	307.0	18.3
14481.	107.7	-53.4	57.9	57.9	-48.8	79.	0.0000	0.0000	0.2059	307.0	17.9
14525.	106.3	-53.2	58.0	58.0	-48.5	79.	0.0000	0.0000	0.2040	307.0	17.5
14569.	104.9	-53.0	58.1	58.1	-48.2	79.	0.0000	0.0000	0.2021	307.0	17.1
14613.	103.5	-52.8	58.2	58.2	-47.9	79.	0.0000	0.0000	0.2002	307.0	16.7
14657.	102.1	-52.6	58.3	58.3	-47.6	79.	0.0000	0.0000	0.1983	307.0	16.3
14701.	100.7	-52.4	58.4	58.4	-47.3	79.	0.0000	0.0000	0.1964	307.0	15.9
14745.	99.3	-52.2	58.5	58.5	-47.0	79.	0.0000	0.0000	0.1945	307.0	15.5
14789.	97.9	-52.0	58.6	58.6	-46.7	79.	0.0000	0.0000	0.1926	307.0	15.1
14833.	96.5	-51.8	58.7	58.7	-46.4	79.	0.0000	0.0000	0.1907	307.0	14.7
14877.	95.1	-51.6	58.8	58.8	-46.1	79.	0.0000	0.0000	0.1888	307.0	14.3
14921.	93.7	-51.4	58.9	58.9	-45.8	79.	0.0000	0.0000	0.1869	307.0	13.9
14965.	92.3	-51.2	59.0	59.0	-45.5	79.	0.0000	0.0000	0.1850	307.0	13.5
15009.	90.9	-51.0	59.1	59.1	-45.2	79.	0.0000	0.0000	0.1831	307.0	13.1
15053.	89.5	-50.8	59.2	59.2	-44.9	79.	0.0000	0.0000	0.1812	307.0	12.7
15097.	88.1	-50.6	59.3	59.3	-44.6	79.	0.0000	0.0000	0.1793	307.0	12.3
15141.	86.7	-50.4	59.4	59.4	-44.3	79.	0.0000	0.0000	0.1774	307.0	11.9
15185.	85.3	-50.2	59.5	59.5	-44.0	79.	0.0000	0.0000	0.1755	307.0	11.5
15229.	83.9	-50.0	59.6	59.6	-43.7	79.	0.0000	0.0000	0.1736	307.0	11.1
15273.	82.5	-49.8	59.7	59.7	-43.4	79.	0.0000	0.0000	0.1717	307.0	10.7
15317.	81.1	-49.6	59.8	59.8	-43.1	79.	0.0000	0.0000	0.1698	307.0	10.3
15361.	79.7	-49.4	59.9	59.9	-42.8	79.	0.0000	0.0000	0.1679	307.0	9.9
15405.	78.3	-49.2	60.0	60.0	-42.5	79.	0.0000	0.0000	0.1660	307.0	9.5
15449.	76.9	-49.0	60.1	60.1	-42.2	79.	0.0000	0.0000	0.1641	307.0	9.1
15493.	75.5	-48.8	60.2	60.2	-41.9	79.	0.0000	0.0000	0.1622	307.0	8.7
15537.	74.1	-48.6	60.3	60.3	-41.6	79.	0.0000	0.0000	0.1603	307.0	8.3

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SOUNDING 21.7
LATITUDE 35.4 LONGITUDE 125.4
DATE 11-13-81 TIME 1134 GMT
NUMBER OF LEVELS 44

211

HEIGHT (M)	FRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHQW (G/M+3)	RHO (KG/M+3)	DIP (DEG)	SPEED (M/S)
3644.	622.2	-15.7	21.7	21.6	-20.8	62.	0.9633	0.8270	0.8427	337.0	21.6
3694.	618.1	-15.9	22.2	22.2	-15.1	74.	1.1256	0.9626	0.8380	337.0	21.7
3739.	614.4	-16.2	22.2	22.4	-15.8	78.	1.1566	0.9857	0.8340	337.0	21.7
3783.	610.8	-16.7	22.2	22.5	-15.9	81.	1.1466	0.9777	0.8307	337.0	21.7
3829.	607.1	-17.1	22.2	22.5	-15.2	82.	1.1181	0.9540	0.8263	337.0	21.7
3877.	603.3	-17.5	22.2	22.5	-15.5	83.	1.0936	0.9317	0.8229	337.0	21.7
3926.	599.5	-17.9	22.2	22.5	-15.9	83.	1.0496	0.8979	0.8188	337.0	21.7
3977.	595.2	-18.3	22.2	22.5	-15.4	86.	1.0472	0.8959	0.8145	337.0	21.7
4025.	591.4	-18.6	22.2	22.5	-15.7	87.	1.0247	0.8815	0.8102	337.0	21.7
4071.	587.7	-18.9	22.2	22.5	-15.9	88.	1.0415	0.8912	0.8052	337.0	21.7
4117.	584.1	-19.2	22.2	22.5	-15.9	88.	1.0415	0.8912	0.8003	337.0	21.7
4162.	580.6	-19.5	22.2	22.5	-15.9	89.	1.0533	0.9009	0.7955	337.0	21.7
4208.	577.0	-19.8	22.2	22.5	-15.9	89.	1.0334	0.8846	0.7911	337.0	21.7
4256.	573.3	-19.9	22.2	22.5	-15.9	90.	1.0352	0.8860	0.7864	337.0	21.7
4306.	569.9	-20.0	22.2	22.5	-15.9	91.	1.0367	0.8873	0.7812	337.0	21.7
4357.	566.5	-20.0	22.2	22.5	-15.9	91.	1.0367	0.8873	0.7761	337.0	21.7
4404.	562.2	-20.0	22.2	22.5	-15.9	92.	1.0224	0.8804	0.7718	337.0	21.7
4448.	558.8	-20.0	22.2	22.5	-15.9	91.	1.0373	0.8839	0.7665	337.0	21.7
4493.	555.1	-20.0	22.2	22.5	-15.9	91.	1.0373	0.8839	0.7613	337.0	21.7
4544.	551.7	-20.0	22.2	22.5	-15.9	86.	1.0373	0.8839	0.7561	337.0	21.7
4592.	547.9	-20.0	22.2	22.5	-15.9	86.	1.0373	0.8839	0.7509	337.0	21.7
4642.	544.4	-20.0	22.2	22.5	-15.9	86.	1.0373	0.8839	0.7457	337.0	21.7
4692.	540.8	-20.0	22.2	22.5	-15.9	87.	1.0373	0.8839	0.7405	337.0	21.7
4742.	537.3	-20.0	22.2	22.5	-15.9	85.	1.0373	0.8839	0.7353	337.0	21.7
4792.	533.3	-20.0	22.2	22.5	-15.9	84.	1.0373	0.8839	0.7301	337.0	21.7
4842.	529.4	-20.0	22.2	22.5	-15.9	83.	1.0373	0.8839	0.7249	337.0	21.7
4892.	525.5	-20.0	22.2	22.5	-15.9	81.	1.0373	0.8839	0.7197	337.0	21.7
4942.	521.6	-20.0	22.2	22.5	-15.9	79.	1.0373	0.8839	0.7145	337.0	21.7
4992.	517.7	-20.0	22.2	22.5	-15.9	76.	1.0373	0.8839	0.7093	337.0	21.7
5042.	513.8	-20.0	22.2	22.5	-15.9	74.	1.0373	0.8839	0.7041	337.0	21.7
5092.	509.9	-20.0	22.2	22.5	-15.9	72.	1.0373	0.8839	0.6989	337.0	21.7
5142.	506.0	-20.0	22.2	22.5	-15.9	68.	1.0373	0.8839	0.6937	337.0	21.7
5192.	502.1	-20.0	22.2	22.5	-15.9	66.	1.0373	0.8839	0.6885	337.0	21.7
5242.	498.2	-20.0	22.2	22.5	-15.9	62.	1.0373	0.8839	0.6833	337.0	21.7
5292.	494.3	-20.0	22.2	22.5	-15.9	58.	1.0373	0.8839	0.6781	337.0	21.7
5342.	490.4	-20.0	22.2	22.5	-15.9	54.	1.0373	0.8839	0.6729	337.0	21.7
5392.	486.5	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.6677	337.0	21.7
5442.	482.6	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.6625	337.0	21.7
5492.	478.7	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.6573	337.0	21.7
5542.	474.8	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.6521	337.0	21.7
5592.	470.9	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.6469	337.0	21.7
5642.	467.0	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.6417	337.0	21.7
5692.	463.1	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.6365	337.0	21.7
5742.	459.2	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.6313	337.0	21.7
5792.	455.3	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.6261	337.0	21.7
5842.	451.4	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.6209	337.0	21.7
5892.	447.5	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.6157	337.0	21.7
5942.	443.6	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.6105	337.0	21.7
5992.	439.7	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.6053	337.0	21.7
6042.	435.8	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.6001	337.0	21.7
6092.	431.9	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.5949	337.0	21.7
6142.	428.0	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.5897	337.0	21.7
6192.	424.1	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.5845	337.0	21.7
6242.	420.2	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.5793	337.0	21.7
6292.	416.3	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.5741	337.0	21.7
6342.	412.4	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.5689	337.0	21.7
6392.	408.5	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.5637	337.0	21.7
6442.	404.6	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.5585	337.0	21.7
6492.	400.7	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.5533	337.0	21.7
6542.	396.8	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.5481	337.0	21.7
6592.	392.9	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.5429	337.0	21.7
6642.	389.0	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.5377	337.0	21.7
6692.	385.1	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.5325	337.0	21.7
6742.	381.2	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.5273	337.0	21.7
6792.	377.3	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.5221	337.0	21.7
6842.	373.4	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.5169	337.0	21.7
6892.	369.5	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.5117	337.0	21.7
6942.	365.6	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.5065	337.0	21.7
6992.	361.7	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.5013	337.0	21.7
7042.	357.8	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.4961	337.0	21.7
7092.	353.9	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.4909	337.0	21.7
7142.	350.0	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.4857	337.0	21.7
7192.	346.1	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.4805	337.0	21.7
7242.	342.2	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.4753	337.0	21.7
7292.	338.3	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.4701	337.0	21.7
7342.	334.4	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.4649	337.0	21.7
7392.	330.5	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.4597	337.0	21.7
7442.	326.6	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.4545	337.0	21.7
7492.	322.7	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.4493	337.0	21.7
7542.	318.8	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.4441	337.0	21.7
7592.	314.9	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.4389	337.0	21.7
7642.	311.0	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.4337	337.0	21.7
7692.	307.1	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.4285	337.0	21.7
7742.	303.2	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.4233	337.0	21.7
7792.	299.3	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.4181	337.0	21.7
7842.	295.4	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.4129	337.0	21.7
7892.	291.5	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.4077	337.0	21.7
7942.	287.6	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.4025	337.0	21.7
7992.	283.7	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.3973	337.0	21.7
8042.	279.8	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.3921	337.0	21.7
8092.	275.9	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.3869	337.0	21.7
8142.	272.0	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.3817	337.0	21.7
8192.	268.1	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.3765	337.0	21.7
8242.	264.2	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.3713	337.0	21.7
8292.	260.3	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.3661	337.0	21.7
8342.	256.4	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.3609	337.0	21.7
8392.	252.5	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.3557	337.0	21.7
8442.	248.6	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.3505	337.0	21.7
8492.	244.7	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.3453	337.0	21.7
8542.	240.8	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.3401	337.0	21.7
8592.	236.9	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.3349	337.0	21.7
8642.	233.0	-20.0	22.2	22.5	-15.9	52.	1.0373	0.8839	0.3297	337.0	21.7
8692.	229.1	-20.0	22.2	22.5	-15.9	52.	1.037				

HEIGHT (M)	PRES (hPa)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	P (hPa)	1E+3*RH0 (G/M+3)	RH0 (KG/M+3)	DIR (DEG)	SPEED (KTS)
8340.	310.8	-46.8	42.9	42.9	-46.6	80.	0.3466	0.0453	0.4784	34.0	58.6
8362.	307.7	-47.0	43.1	43.1	-46.9	80.	0.3435	0.0439	0.4759	34.0	58.6
8384.	304.7	-47.1	43.3	43.3	-47.1	80.	0.3403	0.0425	0.4736	34.0	58.6
8406.	301.7	-47.2	43.5	43.5	-47.2	80.	0.3371	0.0411	0.4711	34.0	58.6
8428.	298.7	-47.3	43.8	43.8	-47.3	80.	0.3339	0.0397	0.4687	34.0	58.6
8450.	295.7	-47.4	44.0	44.0	-47.4	80.	0.3307	0.0383	0.4665	34.0	58.6
8472.	292.7	-47.5	44.3	44.3	-47.5	80.	0.3275	0.0369	0.4644	34.0	58.6
8494.	289.7	-47.6	44.5	44.5	-47.6	80.	0.3243	0.0355	0.4620	34.0	58.6
8516.	286.7	-47.7	44.8	44.8	-47.7	80.	0.3211	0.0341	0.4597	34.0	58.6
8538.	283.7	-47.8	45.0	45.0	-47.8	80.	0.3179	0.0327	0.4572	34.0	58.6
8560.	280.7	-47.9	45.3	45.3	-47.9	80.	0.3147	0.0313	0.4546	34.0	58.6
8582.	277.7	-48.0	45.5	45.5	-48.0	80.	0.3115	0.0299	0.4522	34.0	58.6
8604.	274.7	-48.1	45.8	45.8	-48.1	80.	0.3083	0.0285	0.4497	34.0	58.6
8626.	271.7	-48.2	46.0	46.0	-48.2	80.	0.3051	0.0271	0.4476	34.0	58.6
8648.	268.7	-48.3	46.3	46.3	-48.3	80.	0.3019	0.0257	0.4451	34.0	58.6
8670.	265.7	-48.4	46.5	46.5	-48.4	80.	0.2987	0.0243	0.4429	34.0	58.6
8692.	262.7	-48.5	46.8	46.8	-48.5	80.	0.2955	0.0229	0.4406	34.0	58.6
8714.	259.7	-48.6	47.0	47.0	-48.6	80.	0.2923	0.0215	0.4379	34.0	58.6
8736.	256.7	-48.7	47.3	47.3	-48.7	80.	0.2891	0.0201	0.4351	34.0	58.6
8758.	253.7	-48.8	47.5	47.5	-48.8	80.	0.2859	0.0187	0.4327	34.0	58.6
8780.	250.7	-48.9	47.8	47.8	-48.9	80.	0.2827	0.0173	0.4297	34.0	58.6
8802.	247.7	-49.0	48.0	48.0	-49.0	80.	0.2795	0.0159	0.4267	34.0	58.6
8824.	244.7	-49.1	48.3	48.3	-49.1	80.	0.2763	0.0145	0.4243	34.0	58.6
8846.	241.7	-49.2	48.5	48.5	-49.2	80.	0.2731	0.0131	0.4221	34.0	58.6
8868.	238.7	-49.3	48.8	48.8	-49.3	80.	0.2699	0.0117	0.4195	34.0	58.6
8890.	235.7	-49.4	49.0	49.0	-49.4	80.	0.2667	0.0103	0.4172	34.0	58.6
8912.	232.7	-49.5	49.3	49.3	-49.5	80.	0.2635	0.0089	0.4145	34.0	58.6
8934.	229.7	-49.6	49.5	49.5	-49.6	80.	0.2603	0.0075	0.4123	34.0	58.6
8956.	226.7	-49.7	49.8	49.8	-49.7	80.	0.2571	0.0061	0.4098	34.0	58.6
8978.	223.7	-49.8	50.0	50.0	-49.8	80.	0.2539	0.0047	0.4073	34.0	58.6
9000.	220.7	-49.9	50.3	50.3	-49.9	80.	0.2507	0.0033	0.4046	34.0	58.6
9022.	217.7	-50.0	50.5	50.5	-50.0	80.	0.2475	0.0019	0.4024	34.0	58.6
9044.	214.7	-50.1	50.8	50.8	-50.1	80.	0.2443	0.0005	0.3997	34.0	58.6
9066.	211.7	-50.2	51.0	51.0	-50.2	80.	0.2411	0.0000	0.3975	34.0	58.6
9088.	208.7	-50.3	51.3	51.3	-50.3	80.	0.2379	0.0000	0.3952	34.0	58.6
9110.	205.7	-50.4	51.5	51.5	-50.4	80.	0.2347	0.0000	0.3923	34.0	58.6
9132.	202.7	-50.5	51.8	51.8	-50.5	80.	0.2315	0.0000	0.3896	34.0	58.6
9154.	199.7	-50.6	52.0	52.0	-50.6	80.	0.2283	0.0000	0.3872	34.0	58.6
9176.	196.7	-50.7	52.3	52.3	-50.7	80.	0.2251	0.0000	0.3849	34.0	58.6
9198.	193.7	-50.8	52.5	52.5	-50.8	80.	0.2219	0.0000	0.3825	34.0	58.6
9220.	190.7	-50.9	52.8	52.8	-50.9	80.	0.2187	0.0000	0.3801	34.0	58.6
9242.	187.7	-51.0	53.0	53.0	-51.0	80.	0.2155	0.0000	0.3775	34.0	58.6
9264.	184.7	-51.1	53.3	53.3	-51.1	80.	0.2123	0.0000	0.3750	34.0	58.6
9286.	181.7	-51.2	53.5	53.5	-51.2	80.	0.2091	0.0000	0.3725	34.0	58.6
9308.	178.7	-51.3	53.8	53.8	-51.3	80.	0.2059	0.0000	0.3696	34.0	58.6
9330.	175.7	-51.4	54.0	54.0	-51.4	80.	0.2027	0.0000	0.3669	34.0	58.6
9352.	172.7	-51.5	54.3	54.3	-51.5	80.	0.1995	0.0000	0.3643	34.0	58.6
9374.	169.7	-51.6	54.5	54.5	-51.6	80.	0.1963	0.0000	0.3619	34.0	58.6
9396.	166.7	-51.7	54.8	54.8	-51.7	80.	0.1931	0.0000	0.3594	34.0	58.6
9418.	163.7	-51.8	55.0	55.0	-51.8	80.	0.1899	0.0000	0.3578	34.0	58.6
9440.	160.7	-51.9	55.3	55.3	-51.9	80.	0.1867	0.0000	0.3554	34.0	58.6
9462.	157.7	-52.0	55.5	55.5	-52.0	80.	0.1835	0.0000	0.3529	34.0	58.6
9484.	154.7	-52.1	55.8	55.8	-52.1	80.	0.1803	0.0000	0.3505	34.0	58.6
9506.	151.7	-52.2	56.0	56.0	-52.2	80.	0.1771	0.0000	0.3481	34.0	58.6
9528.	148.7	-52.3	56.3	56.3	-52.3	80.	0.1739	0.0000	0.3457	34.0	58.6
9550.	145.7	-52.4	56.5	56.5	-52.4	80.	0.1707	0.0000	0.3433	34.0	58.6
9572.	142.7	-52.5	56.8	56.8	-52.5	80.	0.1675	0.0000	0.3409	34.0	58.6
9594.	139.7	-52.6	57.0	57.0	-52.6	80.	0.1643	0.0000	0.3385	34.0	58.6
9616.	136.7	-52.7	57.3	57.3	-52.7	80.	0.1611	0.0000	0.3361	34.0	58.6
9638.	133.7	-52.8	57.5	57.5	-52.8	80.	0.1579	0.0000	0.3337	34.0	58.6
9660.	130.7	-52.9	57.8	57.8	-52.9	80.	0.1547	0.0000	0.3313	34.0	58.6
9682.	127.7	-53.0	58.0	58.0	-53.0	80.	0.1515	0.0000	0.3289	34.0	58.6
9704.	124.7	-53.1	58.3	58.3	-53.1	80.	0.1483	0.0000	0.3265	34.0	58.6
9726.	121.7	-53.2	58.5	58.5	-53.2	80.	0.1451	0.0000	0.3241	34.0	58.6
9748.	118.7	-53.3	58.8	58.8	-53.3	80.	0.1419	0.0000	0.3217	34.0	58.6
9770.	115.7	-53.4	59.0	59.0	-53.4	80.	0.1387	0.0000	0.3193	34.0	58.6
9792.	112.7	-53.5	59.3	59.3	-53.5	80.	0.1355	0.0000	0.3169	34.0	58.6
9814.	109.7	-53.6	59.5	59.5	-53.6	80.	0.1323	0.0000	0.3145	34.0	58.6
9836.	106.7	-53.7	59.8	59.8	-53.7	80.	0.1291	0.0000	0.3121	34.0	58.6
9858.	103.7	-53.8	60.0	60.0	-53.8	80.	0.1259	0.0000	0.3097	34.0	58.6
9880.	100.7	-53.9	60.3	60.3	-53.9	80.	0.1227	0.0000	0.3073	34.0	58.6
9902.	97.7	-54.0	60.5	60.5	-54.0	80.	0.1195	0.0000	0.3049	34.0	58.6
9924.	94.7	-54.1	60.8	60.8	-54.1	80.	0.1163	0.0000	0.3025	34.0	58.6
9946.	91.7	-54.2	61.0	61.0	-54.2	80.	0.1131	0.0000	0.3001	34.0	58.6
9968.	88.7	-54.3	61.3	61.3	-54.3	80.	0.1099	0.0000	0.2977	34.0	58.6
9990.	85.7	-54.4	61.5	61.5	-54.4	80.	0.1067	0.0000	0.2953	34.0	58.6
10012.	82.7	-54.5	61.8	61.8	-54.5	80.	0.1035	0.0000	0.2929	34.0	58.6
10034.	79.7	-54.6	62.0	62.0	-54.6	80.	0.1003	0.0000	0.2905	34.0	58.6
10056.	76.7	-54.7	62.3	62.3	-54.7	80.	0.0971	0.0000	0.2881	34.0	58.6
10078.	73.7	-54.8	62.5	62.5	-54.8	80.	0.0939	0.0000	0.2857	34.0	58.6
10100.	70.7	-54.9	62.8	62.8	-54.9	80.	0.0907	0.0000	0.2833	34.0	58.6
10122.	67.7	-55.0	63.0	63.0	-55.0	80.	0.0875	0.0000	0.2809	34.0	58.6
10144.	64.7	-55.1	63.3	63.3	-55.1	80.	0.0843	0.0000	0.2785	34.0	58.6
10166.	61.7	-55.2	63.5	63.5	-55.2	80.	0.0811	0.0000	0.2761	34.0	58.6
10188.	58.7	-55.3	63.8	63.8	-55.3	80.	0.0779	0.0000	0.2737	34.0	58.6
10210.	55.7	-55.4	64.0	64.0	-55.4	80.	0.0747	0.0000	0.2713	34.0	58.6
10232.	52.7	-55.5	64.3	64.3	-55.5	80.	0.0715	0.0000	0.2689	34.0	58.6
10254.	49.7	-55.6	64.5	64.5	-55.6	80.	0.0683	0.0000	0.2665	34.0	58.6
10276.	46.7	-55.7	64.8	64.8	-55.7	80.	0.0651	0.0000	0.2641	34.0	58.6
10298.	43.7	-55.8	65.0	65.0	-55.8	80.	0.0619	0.0000	0.2617	34.0	58.6
10320.	40.7	-55.9	65.3	65.3	-55.9	80.	0.0587	0.0000	0.2593	34.0	58.6
10342.	37.7	-56.0	65.5	65.5	-56.0	80.	0.0555	0.0000	0.2569	34.0	58.6
10364.	34.7	-56.1	65.8	65.8	-56.1	80.	0.0523	0.0000	0.2545	34.0	58.6
10386.	31.7	-56.2	66.0	66.0	-56.2	80.	0.0491	0.0000	0.2521	34.0	58.6
10408.	28.7	-56.3	66.3	66.3	-56.3	80.	0.0459	0.0000	0.2497	34.0	58.6
10430.	25.7	-56.4	66.5	66.5	-56.4	80.	0.0427	0.0000	0.2473	34.0	58.6
10452.	22.7	-56.5	66.8	66.8	-56.5	80.	0.0395	0.0000	0.2449	34.0	58.6
10474.	19.7	-56.6	67.0	67.0	-56.6	80.	0.0363	0.0000	0.2425	34.0	58.6
10496.	16.7	-56.7	67.3	67.3	-56.7	80.	0.0331	0.0000	0.2401	34.0	58.6
10518.	13.7	-56.8	67.5	67.5	-56.8	80.	0.0299	0.0000	0.2377	34.0	58.6
10540.	10.7	-56.9	67.8	67.8	-56.9	80.	0.0267	0.0000	0.2353	34.0	58.6
10562.	7.7	-57.0	68.0	68.0	-57.0	80.	0.0235	0.0000	0.2329	34.0	58.6
10584.	4.7	-57.1	68.3	68.3	-57.1	80.	0.0203	0.0000	0.2305	34.0	58.6
10606.	1.7	-57.2	68.5	68.5	-57.2	80					

HEIGHT (M)	PRFS (M)	T (C)	THETA (C)	THETA (C)	DEW POINT (C)	REL HUM (%)	F (M)	1E-3-RH04 (G/M-3)	RHO (KG/M-3)	DIR (DEG)	SPEED (M/S)
2980.	671.8	-20.1	10.3	10.5	-21.3	89.	0.9131	0.7856	0.9256	234.0	14.1
3042.	668.2	-20.6	10.3	10.6	-21.8	89.	0.8702	0.7502	0.9197	235.0	14.1
3104.	665.6	-21.1	10.3	10.6	-22.3	89.	0.8272	0.7096	0.9141	235.0	14.2
3166.	663.0	-21.7	10.3	10.7	-22.9	89.	0.7823	0.6773	0.9080	235.0	14.3
3228.	649.4	-22.2	10.7	10.9	-23.4	89.	0.7451	0.6464	0.9021	228.0	14.2
3290.	643.8	-22.7	10.9	11.1	-23.9	89.	0.7095	0.6167	0.8961	227.0	14.2
3352.	638.4	-23.4	10.8	10.9	-24.6	89.	0.6623	0.5773	0.8910	227.0	14.1
3416.	633.1	-24.0	10.7	10.9	-25.2	89.	0.6241	0.5458	0.8857	226.0	13.9
3478.	628.0	-24.6	10.7	10.6	-25.8	89.	0.5880	0.5151	0.8807	227.0	13.7
3531.	623.1	-25.3	10.9	11.0	-26.2	89.	0.5560	0.4957	0.8752	227.0	13.4
3586.	618.4	-25.9	10.9	11.0	-26.7	89.	0.5374	0.4724	0.8704	227.0	13.2
3648.	611.5	-26.8	11.2	11.3	-27.0	89.	0.5215	0.4590	0.8645	226.0	12.9
3702.	608.6	-26.9	11.7	11.8	-27.2	89.	0.5111	0.4502	0.8583	226.0	12.7
3761.	603.6	-26.3	12.2	12.1	-27.4	89.	0.4955	0.4373	0.8523	225.0	12.4
3817.	599.3	-26.6	12.7	12.4	-27.7	89.	0.4811	0.4247	0.8468	225.0	12.2
3872.	594.4	-27.1	13.0	12.7	-27.9	89.	0.4714	0.4166	0.8409	231.0	12.0
3924.	590.1	-27.7	13.1	13.1	-28.1	89.	0.4619	0.4085	0.8355	232.0	11.8
3981.	585.5	-27.1	13.5	13.6	-28.2	89.	0.4572	0.4045	0.8294	234.0	11.7
4040.	580.7	-27.7	14.4	14.1	-28.4	89.	0.4466	0.3967	0.8232	234.0	11.6
4098.	576.0	-27.7	14.4	14.5	-28.6	89.	0.4390	0.3890	0.8172	234.0	11.5
4156.	571.4	-27.7	15.0	15.0	-28.7	89.	0.4346	0.3852	0.8110	234.0	11.4
4214.	566.8	-27.7	15.4	15.4	-28.9	89.	0.4257	0.3777	0.8051	234.0	11.3
4274.	562.1	-28.8	15.8	15.8	-29.1	89.	0.4171	0.3704	0.7991	234.0	11.3
4330.	557.7	-28.2	16.3	16.3	-29.3	89.	0.4087	0.3632	0.7935	234.0	11.3
4388.	553.2	-28.8	16.5	16.7	-29.6	89.	0.3963	0.3526	0.7881	234.0	11.3
4446.	548.6	-28.8	16.8	16.9	-29.6	89.	0.3873	0.3486	0.7828	234.0	11.4
4509.	543.9	-28.8	17.0	17.1	-29.6	89.	0.3783	0.3427	0.7773	233.0	11.4
4571.	539.3	-28.8	17.3	17.3	-29.6	89.	0.3693	0.3330	0.7720	233.0	11.4
4634.	534.7	-28.8	17.5	17.5	-29.6	89.	0.3603	0.3255	0.7667	232.0	11.4
4696.	530.0	-28.8	17.7	17.7	-29.6	89.	0.3513	0.3181	0.7619	232.0	11.5
4761.	525.4	-28.8	17.9	18.0	-29.6	89.	0.3423	0.3121	0.7569	232.0	11.4
4820.	522.0	-28.8	18.3	18.4	-29.6	89.	0.3333	0.3025	0.7515	231.0	11.5
4882.	517.5	-28.8	18.5	18.6	-29.6	89.	0.3243	0.2906	0.7463	231.0	11.4
4942.	513.1	-28.8	18.9	18.9	-29.6	89.	0.3153	0.2810	0.7409	231.0	11.4
4999.	509.0	-28.8	19.2	19.2	-29.6	89.	0.3063	0.2722	0.7358	232.0	11.4
5055.	505.0	-28.8	19.5	19.5	-29.6	89.	0.2973	0.2637	0.7310	232.0	11.4
5110.	500.9	-28.8	19.8	19.8	-29.6	89.	0.2883	0.2554	0.7259	232.0	11.3
5165.	496.5	-28.8	20.0	20.1	-29.6	89.	0.2793	0.2447	0.7207	233.0	11.3
5219.	492.1	-28.8	20.3	20.3	-29.6	89.	0.2703	0.2357	0.7156	234.0	11.2
5273.	488.1	-28.8	20.6	20.7	-29.6	89.	0.2613	0.2271	0.7106	234.0	11.1
5328.	483.9	-28.8	20.9	21.0	-29.6	89.	0.2523	0.2181	0.7054	234.0	11.1
5382.	479.8	-28.8	21.1	21.1	-29.6	89.	0.2433	0.2091	0.7003	234.0	11.1
5436.	475.7	-28.8	21.4	21.4	-29.6	89.	0.2343	0.2001	0.6954	234.0	11.0
5490.	471.7	-28.8	21.7	21.7	-29.6	89.	0.2253	0.1911	0.6905	241.0	10.9
5544.	467.4	-28.8	22.0	22.0	-29.6	89.	0.2163	0.1821	0.6853	241.0	10.9
5598.	463.1	-28.8	22.3	22.3	-29.6	89.	0.2073	0.1731	0.6805	242.0	10.9
5652.	458.8	-28.8	22.6	22.6	-29.6	89.	0.1983	0.1641	0.6749	243.0	10.9
5706.	454.5	-28.8	22.9	22.9	-29.6	89.	0.1893	0.1551	0.6696	244.0	10.8
5760.	450.2	-28.8	23.2	23.2	-29.6	89.	0.1803	0.1461	0.6650	245.0	10.8
5814.	445.9	-28.8	23.5	23.5	-29.6	89.	0.1713	0.1371	0.6605	246.0	10.8
5868.	441.6	-28.8	23.8	23.8	-29.6	89.	0.1623	0.1281	0.6562	247.0	10.8
5922.	437.3	-28.8	24.1	24.1	-29.6	89.	0.1533	0.1191	0.6515	247.0	10.8
5976.	433.0	-28.8	24.4	24.4	-29.6	89.	0.1443	0.1101	0.6473	248.0	10.8
6030.	428.7	-28.8	24.7	24.7	-29.6	89.	0.1353	0.1011	0.6431	248.0	10.8
6084.	424.4	-28.8	25.0	25.0	-29.6	89.	0.1263	0.0921	0.6390	248.0	10.8
6138.	420.1	-28.8	25.3	25.3	-29.6	89.	0.1173	0.0831	0.6348	248.0	10.8
6192.	415.8	-28.8	25.6	25.6	-29.6	89.	0.1083	0.0741	0.6306	248.0	10.8
6246.	411.5	-28.8	25.9	25.9	-29.6	89.	0.0993	0.0651	0.6261	248.0	10.8
6300.	407.2	-28.8	26.2	26.2	-29.6	89.	0.0903	0.0561	0.6218	248.0	10.8
6354.	402.9	-28.8	26.5	26.5	-29.6	89.	0.0813	0.0471	0.6175	248.0	10.8
6408.	398.6	-28.8	26.8	26.8	-29.6	89.	0.0723	0.0381	0.6135	248.0	10.8
6462.	394.3	-28.8	27.1	27.1	-29.6	89.	0.0633	0.0291	0.6093	248.0	10.8
6516.	390.0	-28.8	27.4	27.4	-29.6	89.	0.0543	0.0201	0.6052	248.0	10.8
6570.	385.7	-28.8	27.7	27.7	-29.6	89.	0.0453	0.0111	0.6010	248.0	10.8
6624.	381.4	-28.8	28.0	28.0	-29.6	89.	0.0363	0.0021	0.5968	248.0	10.8
6678.	377.1	-28.8	28.3	28.3	-29.6	89.	0.0273	0.0000	0.5926	248.0	10.8
6732.	372.8	-28.8	28.6	28.6	-29.6	89.	0.0183	0.0000	0.5884	248.0	10.8
6786.	368.5	-28.8	28.9	28.9	-29.6	89.	0.0093	0.0000	0.5842	248.0	10.8
6840.	364.2	-28.8	29.2	29.2	-29.6	89.	0.0003	0.0000	0.5800	248.0	10.8
6894.	359.9	-28.8	29.5	29.5	-29.6	89.	0.0000	0.0000	0.5758	248.0	10.8
6948.	355.6	-28.8	29.8	29.8	-29.6	89.	0.0000	0.0000	0.5716	248.0	10.8
7002.	351.3	-28.8	30.1	30.1	-29.6	89.	0.0000	0.0000	0.5674	248.0	10.8
7056.	347.0	-28.8	30.4	30.4	-29.6	89.	0.0000	0.0000	0.5632	248.0	10.8
7110.	342.7	-28.8	30.7	30.7	-29.6	89.	0.0000	0.0000	0.5590	248.0	10.8
7164.	338.4	-28.8	31.0	31.0	-29.6	89.	0.0000	0.0000	0.5548	248.0	10.8
7218.	334.1	-28.8	31.3	31.3	-29.6	89.	0.0000	0.0000	0.5506	248.0	10.8
7272.	329.8	-28.8	31.6	31.6	-29.6	89.	0.0000	0.0000	0.5464	248.0	10.8
7326.	325.5	-28.8	31.9	31.9	-29.6	89.	0.0000	0.0000	0.5422	248.0	10.8
7380.	321.2	-28.8	32.2	32.2	-29.6	89.	0.0000	0.0000	0.5380	248.0	10.8
7434.	316.9	-28.8	32.5	32.5	-29.6	89.	0.0000	0.0000	0.5338	248.0	10.8
7488.	312.6	-28.8	32.8	32.8	-29.6	89.	0.0000	0.0000	0.5296	248.0	10.8
7542.	308.3	-28.8	33.1	33.1	-29.6	89.	0.0000	0.0000	0.5254	248.0	10.8
7596.	304.0	-28.8	33.4	33.4	-29.6	89.	0.0000	0.0000	0.5212	248.0	10.8
7650.	299.7	-28.8	33.7	33.7	-29.6	89.	0.0000	0.0000	0.5170	248.0	10.8
7704.	295.4	-28.8	34.0	34.0	-29.6	89.	0.0000	0.0000	0.5128	248.0	10.8
7758.	291.1	-28.8	34.3	34.3	-29.6	89.	0.0000	0.0000	0.5086	248.0	10.8
7812.	286.8	-28.8	34.6	34.6	-29.6	89.	0.0000	0.0000	0.5044	248.0	10.8
7866.	282.5	-28.8	34.9	34.9	-29.6	89.	0.0000	0.0000	0.5002	248.0	10.8
7920.	278.2	-28.8	35.2	35.2	-29.6	89.	0.0000	0.0000	0.4960	248.0	10.8
7974.	273.9	-28.8	35.5	35.5	-29.6	89.	0.0000	0.0000	0.4918	248.0	10.8
8028.	269.6	-28.8	35.8	35.8	-29.6	89.	0.0000	0.0000	0.4876	248.0	10.8
8082.	265.3	-28.8	36.1	36.1	-29.6	89.	0.0000	0.0000	0.4834	248.0	10.8
8136.	261.0	-28.8	36.4	36.4	-29.6	89.	0.0000	0.0000	0.4792	248.0	10.8
8190.	256.7	-28.8	36.7	36.7	-29.6	89.	0.0000	0.0000	0.4750	248.0	10.8
8244.	252.4	-28.8	37.0	37.0	-29.6	89.	0.0000	0.0000	0.4708	248.0	10.8
8298.	248.1	-28.8	37.3	37.3	-29.6	89.	0.0000	0.0000	0.4666	248.0	10.8
8352.	243.8	-28.8	37.6	37.6	-29.6	89.	0.0000	0.0000	0.4624	248.0	10.8
8406.	239.5	-28.8	37.9	37.9	-29.6	89.	0.0000	0.0000	0.4582	248.0	10.8
8460.	235.2	-28.8	38.2	38.2	-29.6	89.	0.0000	0.0000	0.4540	248.0	10.8
8514.	230.9	-28.8	38.5	38.5	-29.6	89.	0.0000	0.0000	0.4498	248.0	10.8
8568.	226.6	-28.8	38.8	38.8	-29.6	89.	0.0000	0.0000	0.4456	248.0	10.8
8622.	222.3	-28.8	39.1	39.1	-29.6	89.	0.0000	0.0000	0.4414	248.0	10.8
8676.	218.0	-28.8	39.4	39.4	-29.6	89.	0.0000				

HEIGHT (M)	PRFS (M)	T (C)	THETA (C)	THETA (C)	DEW POINT (C)	REL HUM (%)	F (M)	1E+3-RHO (G/M+3)	RHO (KG/M+3)	DIR (EG)	SPEED (M/S)
9076.	278.3	-46.9	52.4	52.4	-47.9	89.	0.0512	0.0493	0.4266	341.0	14.8
9133.	275.9	-47.1	53.4	53.4	-48.1	89.	0.0500	0.0481	0.4252	283.0	14.1
9186.	273.7	-47.1	54.3	54.3	-48.0	89.	0.0506	0.0487	0.4217	282.0	14.2
9240.	271.5	-47.1	55.4	55.4	-48.1	89.	0.0500	0.0481	0.4184	282.0	14.4
9293.	269.3	-47.2	56.5	56.5	-48.2	89.	0.0494	0.0476	0.4152	282.0	14.4
9340.	267.4	-47.2	56.9	56.9	-48.2	89.	0.0494	0.0476	0.4123	277.0	14.4
9392.	265.3	-47.2	57.6	57.6	-48.2	89.	0.0494	0.0476	0.4091	277.0	14.3
9442.	263.3	-47.3	58.2	58.2	-48.3	89.	0.0494	0.0476	0.4060	277.0	14.3
9493.	261.3	-47.3	58.7	58.7	-48.3	89.	0.0477	0.0460	0.4031	277.0	14.2
9543.	259.3	-47.5	59.0	59.0	-48.5	89.	0.0465	0.0449	0.4004	275.0	14.2
9592.	257.4	-47.7	59.4	59.4	-48.7	89.	0.0454	0.0439	0.3978	274.0	14.2
9635.	255.7	-47.9	60.2	60.2	-48.8	89.	0.0454	0.0439	0.3955	273.0	14.1
9682.	253.9	-47.9	60.7	60.7	-48.8	89.	0.0454	0.0439	0.3925	272.0	14.1
9729.	252.1	-47.9	61.4	61.4	-48.9	89.	0.0454	0.0439	0.3899	271.0	14.1
9776.	250.3	-47.9	62.3	62.3	-48.9	89.	0.0460	0.0444	0.3871	270.0	14.0
9824.	248.7	-47.6	63.3	63.3	-48.6	89.	0.0471	0.0454	0.3842	270.0	14.0
9871.	246.9	-47.2	64.5	64.5	-48.4	89.	0.0482	0.0465	0.3811	270.0	14.0
9920.	243.3	-47.3	65.2	65.2	-48.2	89.	0.0482	0.0465	0.3780	270.0	14.0
9963.	241.7	-47.3	65.7	65.7	-48.3	89.	0.0482	0.0465	0.3752	269.0	14.0
10007.	239.9	-47.3	66.4	66.4	-48.3	89.	0.0482	0.0465	0.3729	269.0	14.0
10056.	238.0	-47.2	67.3	67.3	-48.2	89.	0.0494	0.0476	0.3701	269.0	14.0
10108.	236.3	-47.1	68.2	68.2	-48.1	89.	0.0500	0.0481	0.3673	269.0	14.0
10156.	234.6	-47.1	68.9	68.9	-48.1	89.	0.0500	0.0481	0.3642	269.0	14.1
10204.	232.8	-47.2	69.5	69.5	-48.2	89.	0.0494	0.0476	0.3616	269.0	14.1
10254.	231.1	-47.2	70.0	70.0	-48.3	89.	0.0488	0.0470	0.3590	270.0	14.2
10303.	229.4	-47.4	70.6	70.6	-48.4	89.	0.0482	0.0465	0.3565	270.0	14.3
10352.	227.8	-47.4	71.3	71.3	-48.4	89.	0.0482	0.0465	0.3540	270.0	14.4
10398.	226.2	-47.3	72.1	72.1	-48.3	89.	0.0494	0.0476	0.3516	270.0	14.4
10444.	224.6	-47.2	72.9	72.9	-48.3	89.	0.0494	0.0476	0.3489	271.0	14.5
10485.	223.1	-47.2	73.6	73.6	-48.4	89.	0.0494	0.0476	0.3466	271.0	14.6
10530.	221.5	-47.3	74.4	74.4	-48.4	89.	0.0494	0.0476	0.3442	271.0	14.7
10574.	219.9	-47.3	75.2	75.2	-48.2	89.	0.0494	0.0476	0.3417	272.0	14.7
10625.	218.5	-47.1	76.6	76.6	-48.1	89.	0.0500	0.0481	0.3395	272.0	14.8
10673.	216.5	-47.1	77.3	77.3	-48.1	89.	0.0500	0.0481	0.3371	272.0	14.9
10722.	215.5	-47.1	78.0	78.0	-48.1	89.	0.0500	0.0481	0.3343	272.0	15.0
10764.	213.9	-47.2	78.8	78.8	-48.2	89.	0.0494	0.0476	0.3321	272.0	15.0
10814.	212.3	-47.2	79.3	79.3	-48.2	89.	0.0494	0.0476	0.3297	272.0	15.0
10863.	210.9	-47.2	80.0	80.0	-48.2	89.	0.0494	0.0476	0.3274	272.0	15.0
10911.	209.3	-47.2	80.8	80.8	-48.1	89.	0.0494	0.0476	0.3252	272.0	15.0
10958.	207.6	-47.2	81.7	81.7	-47.9	89.	0.0494	0.0476	0.3230	271.0	15.0
11005.	206.0	-46.7	82.7	82.7	-47.7	89.	0.0494	0.0476	0.3207	271.0	15.0
11051.	204.4	-46.6	83.5	83.5	-47.6	89.	0.0494	0.0476	0.3185	271.0	15.0
11097.	202.8	-46.6	84.5	84.5	-47.6	89.	0.0494	0.0476	0.3163	271.0	15.0
11140.	201.2	-46.6	85.5	85.5	-47.5	89.	0.0494	0.0476	0.3141	271.0	15.0
11186.	199.6	-46.6	86.5	86.5	-47.5	89.	0.0494	0.0476	0.3119	271.0	15.0
11233.	198.0	-46.6	87.5	87.5	-47.5	89.	0.0494	0.0476	0.3097	271.0	15.0
11280.	196.4	-46.6	88.5	88.5	-47.5	89.	0.0494	0.0476	0.3075	271.0	15.0
11327.	194.8	-46.6	89.5	89.5	-47.5	89.	0.0494	0.0476	0.3053	271.0	15.0
11374.	193.2	-46.6	90.5	90.5	-47.5	89.	0.0494	0.0476	0.3031	271.0	15.0
11421.	191.6	-46.6	91.5	91.5	-47.5	89.	0.0494	0.0476	0.3009	271.0	15.0
11468.	190.0	-46.6	92.5	92.5	-47.5	89.	0.0494	0.0476	0.2987	271.0	15.0
11515.	188.4	-46.6	93.5	93.5	-47.5	89.	0.0494	0.0476	0.2965	271.0	15.0
11562.	186.8	-46.6	94.5	94.5	-47.5	89.	0.0494	0.0476	0.2943	271.0	15.0
11609.	185.2	-46.6	95.5	95.5	-47.5	89.	0.0494	0.0476	0.2922	271.0	15.0
11656.	183.6	-46.6	96.5	96.5	-47.5	89.	0.0494	0.0476	0.2900	271.0	15.0
11703.	182.0	-46.6	97.5	97.5	-47.5	89.	0.0494	0.0476	0.2879	271.0	15.0
11750.	180.4	-46.6	98.5	98.5	-47.5	89.	0.0494	0.0476	0.2857	271.0	15.0
11797.	178.8	-46.6	99.5	99.5	-47.5	89.	0.0494	0.0476	0.2836	271.0	15.0
11844.	177.2	-46.6	100.5	100.5	-47.5	89.	0.0494	0.0476	0.2814	271.0	15.0
11891.	175.6	-46.6	101.5	101.5	-47.5	89.	0.0494	0.0476	0.2793	271.0	15.0
11938.	174.0	-46.6	102.5	102.5	-47.5	89.	0.0494	0.0476	0.2771	271.0	15.0
11985.	172.4	-46.6	103.5	103.5	-47.5	89.	0.0494	0.0476	0.2750	271.0	15.0
12032.	170.8	-46.6	104.5	104.5	-47.5	89.	0.0494	0.0476	0.2729	271.0	15.0
12079.	169.2	-46.6	105.5	105.5	-47.5	89.	0.0494	0.0476	0.2707	271.0	15.0
12126.	167.6	-46.6	106.5	106.5	-47.5	89.	0.0494	0.0476	0.2686	271.0	15.0
12173.	166.0	-46.6	107.5	107.5	-47.5	89.	0.0494	0.0476	0.2665	271.0	15.0
12220.	164.4	-46.6	108.5	108.5	-47.5	89.	0.0494	0.0476	0.2644	271.0	15.0
12267.	162.8	-46.6	109.5	109.5	-47.5	89.	0.0494	0.0476	0.2623	271.0	15.0
12314.	161.2	-46.6	110.5	110.5	-47.5	89.	0.0494	0.0476	0.2602	271.0	15.0
12361.	159.6	-46.6	111.5	111.5	-47.5	89.	0.0494	0.0476	0.2581	271.0	15.0
12408.	158.0	-46.6	112.5	112.5	-47.5	89.	0.0494	0.0476	0.2560	271.0	15.0
12455.	156.4	-46.6	113.5	113.5	-47.5	89.	0.0494	0.0476	0.2539	271.0	15.0
12502.	154.8	-46.6	114.5	114.5	-47.5	89.	0.0494	0.0476	0.2518	271.0	15.0
12549.	153.2	-46.6	115.5	115.5	-47.5	89.	0.0494	0.0476	0.2497	271.0	15.0
12596.	151.6	-46.6	116.5	116.5	-47.5	89.	0.0494	0.0476	0.2476	271.0	15.0
12643.	150.0	-46.6	117.5	117.5	-47.5	89.	0.0494	0.0476	0.2455	271.0	15.0
12690.	148.4	-46.6	118.5	118.5	-47.5	89.	0.0494	0.0476	0.2434	271.0	15.0
12737.	146.8	-46.6	119.5	119.5	-47.5	89.	0.0494	0.0476	0.2413	271.0	15.0
12784.	145.2	-46.6	120.5	120.5	-47.5	89.	0.0494	0.0476	0.2392	271.0	15.0
12831.	143.6	-46.6	121.5	121.5	-47.5	89.	0.0494	0.0476	0.2371	271.0	15.0
12878.	142.0	-46.6	122.5	122.5	-47.5	89.	0.0494	0.0476	0.2350	271.0	15.0
12925.	140.4	-46.6	123.5	123.5	-47.5	89.	0.0494	0.0476	0.2329	271.0	15.0
12972.	138.8	-46.6	124.5	124.5	-47.5	89.	0.0494	0.0476	0.2308	271.0	15.0
13019.	137.2	-46.6	125.5	125.5	-47.5	89.	0.0494	0.0476	0.2287	271.0	15.0
13066.	135.6	-46.6	126.5	126.5	-47.5	89.	0.0494	0.0476	0.2266	271.0	15.0
13113.	134.0	-46.6	127.5	127.5	-47.5	89.	0.0494	0.0476	0.2245	271.0	15.0
13160.	132.4	-46.6	128.5	128.5	-47.5	89.	0.0494	0.0476	0.2224	271.0	15.0
13207.	130.8	-46.6	129.5	129.5	-47.5	89.	0.0494	0.0476	0.2203	271.0	15.0
13254.	129.2	-46.6	130.5	130.5	-47.5	89.	0.0494	0.0476	0.2182	271.0	15.0
13301.	127.6	-46.6	131.5	131.5	-47.5	89.	0.0494	0.0476	0.2161	271.0	15.0
13348.	126.0	-46.6	132.5	132.5	-47.5	89.	0.0494	0.0476	0.2140	271.0	15.0
13395.	124.4	-46.6	133.5	133.5	-47.5	89.	0.0494	0.0476	0.2119	271.0	15.0
13442.	122.8	-46.6	134.5	134.5	-47.5	89.	0.0494	0.0476	0.2098	271.0	15.0
13489.	121.2	-46.6	135.5	135.5	-47.5	89.	0.0494	0.0476	0.2077	271.0	15.0
13536.	119.6	-46.6	136.5	136.5	-47.5	89.	0.0494	0.0476	0.2056	271.0	15.0
13583.	118.0	-46.6	137.5	137.5	-47.5	89.	0.0494	0.0476	0.2035	271.0	15.0
13630.	116.4	-46.6	138.5	138.5	-47.5	89.	0.0494	0.0476	0.2014	271.0	15.0
13677.	114.8	-46.6	139.5	139.5	-47.5	89.	0.0494	0.0476	0.1993	271.0	15.0
13724.	113.2	-46.6	140.5	140.5	-47.5	89.	0.0494	0.0476	0.1972	271.0	15.0
13771.	111.6	-46.6	141.5	141.5	-47.5	89.	0.0494	0.0476	0.1951	271.0	15.0
13818.	110.0	-46.6	142.5	142.5	-47.5	89.	0.0494	0.0476	0.1930	271.0	15.0
13865.	108.4	-4									

SOUNDING 61.0
LATITUDE -56.3 LONGITUDE -0.3
DATE 11-14-81 TIME 1159 GMT
NUMBER OF LEVELS 357

219

HEIGHT (M)	PRES (hPa)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	F (C)	1E+3*WIND (G/M*3)	RHO (G/M*3)	P/R (C/G)	SPEED (M/S)
1257.	846.3	-10.4	1.8	2.0	-18.9	48.	1.1557	0.9844	1.1252	321.3	11.0
1159.	839.4	-11.6	1.9	2.0	-18.6	47.	1.0724	0.9164	1.1185	321.3	11.0
1421.	832.6	-12.0	2.0	2.0	-19.3	43.	0.9816	0.8420	1.1115	321.3	11.0
1482.	826.0	-11.4	2.3	3.6	-20.0	43.	1.0078	0.8616	1.0993	316.0	11.7
1545.	819.3	-10.0	2.5	5.1	-19.3	42.	1.0367	0.8942	1.0872	316.0	11.7
1609.	812.5	-8.7	6.6	6.6	-19.3	40.	1.0696	0.9316	1.0745	316.0	11.7
1673.	805.8	-8.7	8.1	6.3	-19.3	38.	1.1117	0.9486	1.0624	316.0	11.7
1737.	799.2	-8.8	8.6	6.6	-19.3	39.	1.1211	0.9585	1.0545	316.0	11.7
1801.	792.4	-8.8	8.4	6.6	-19.3	41.	1.1177	0.9701	1.0472	316.0	11.7
1865.	785.5	-9.7	9.1	6.6	-18.7	44.	1.1177	1.0084	1.0397	317.0	11.7
1929.	778.4	-10.4	9.8	9.8	-17.4	56.	1.1220	1.0313	1.0323	316.0	11.7
2004.	771.9	-10.0	10.3	10.3	-16.4	60.	1.1471	1.0451	1.0242	316.0	11.7
2078.	765.6	-11.1	10.4	10.4	-16.4	63.	1.4762	1.2237	1.0114	316.0	11.7
2151.	759.3	-11.1	10.8	10.8	-16.4	64.	1.4637	1.2318	1.0042	316.0	11.7
2225.	753.0	-11.1	11.1	11.1	-16.4	64.	1.4637	1.2033	0.9968	316.0	11.7
2299.	746.6	-11.1	11.5	11.7	-16.4	63.	1.3761	1.1722	0.9887	316.0	11.7
2373.	740.3	-12.2	11.7	11.7	-17.4	64.	1.3761	1.1621	0.9887	316.0	11.7
2447.	734.0	-12.2	12.1	12.1	-17.4	64.	1.4266	1.1696	0.9887	316.0	11.7
2521.	727.7	-12.2	13.6	13.6	-17.4	64.	1.4266	1.2045	0.9644	316.0	11.7
2595.	721.4	-12.2	14.2	14.2	-17.4	66.	1.4266	1.2355	0.9644	316.0	11.7
2669.	715.1	-12.2	14.7	14.7	-17.4	66.	1.4266	1.2355	0.9644	316.0	11.7
2743.	708.8	-12.2	15.1	15.1	-17.4	66.	1.4266	1.3221	0.9445	316.0	11.7
2817.	702.5	-12.2	15.7	15.7	-17.4	66.	1.4266	0.7850	0.9445	316.0	11.7
2891.	696.2	-12.2	16.3	16.3	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
2965.	689.9	-12.2	16.9	16.9	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
3039.	683.6	-12.2	17.5	17.5	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
3113.	677.3	-12.2	18.1	18.1	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
3187.	671.0	-12.2	18.7	18.7	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
3261.	664.7	-12.2	19.3	19.3	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
3335.	658.4	-12.2	19.9	19.9	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
3409.	652.1	-12.2	20.5	20.5	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
3483.	645.8	-12.2	21.1	21.1	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
3557.	639.5	-12.2	21.7	21.7	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
3631.	633.2	-12.2	22.3	22.3	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
3705.	626.9	-12.2	22.9	22.9	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
3779.	620.6	-12.2	23.5	23.5	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
3853.	614.3	-12.2	24.1	24.1	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
3927.	608.0	-12.2	24.7	24.7	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
4001.	601.7	-12.2	25.3	25.3	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
4075.	595.4	-12.2	25.9	25.9	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
4149.	589.1	-12.2	26.5	26.5	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
4223.	582.8	-12.2	27.1	27.1	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
4297.	576.5	-12.2	27.7	27.7	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
4371.	570.2	-12.2	28.3	28.3	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
4445.	563.9	-12.2	28.9	28.9	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
4519.	557.6	-12.2	29.5	29.5	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
4593.	551.3	-12.2	30.1	30.1	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
4667.	545.0	-12.2	30.7	30.7	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
4741.	538.7	-12.2	31.3	31.3	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
4815.	532.4	-12.2	31.9	31.9	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
4889.	526.1	-12.2	32.5	32.5	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
4963.	519.8	-12.2	33.1	33.1	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
5037.	513.5	-12.2	33.7	33.7	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
5111.	507.2	-12.2	34.3	34.3	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
5185.	500.9	-12.2	34.9	34.9	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
5259.	494.6	-12.2	35.5	35.5	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
5333.	488.3	-12.2	36.1	36.1	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
5407.	482.0	-12.2	36.7	36.7	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
5481.	475.7	-12.2	37.3	37.3	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
5555.	469.4	-12.2	37.9	37.9	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
5629.	463.1	-12.2	38.5	38.5	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
5703.	456.8	-12.2	39.1	39.1	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
5777.	450.5	-12.2	39.7	39.7	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
5851.	444.2	-12.2	40.3	40.3	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
5925.	437.9	-12.2	40.9	40.9	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
6000.	431.6	-12.2	41.5	41.5	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
6074.	425.3	-12.2	42.1	42.1	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
6148.	419.0	-12.2	42.7	42.7	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
6222.	412.7	-12.2	43.3	43.3	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
6296.	406.4	-12.2	43.9	43.9	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
6370.	400.1	-12.2	44.5	44.5	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
6444.	393.8	-12.2	45.1	45.1	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
6518.	387.5	-12.2	45.7	45.7	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
6592.	381.2	-12.2	46.3	46.3	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
6666.	374.9	-12.2	46.9	46.9	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
6740.	368.6	-12.2	47.5	47.5	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
6814.	362.3	-12.2	48.1	48.1	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
6888.	356.0	-12.2	48.7	48.7	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
6962.	349.7	-12.2	49.3	49.3	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
7036.	343.4	-12.2	49.9	49.9	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
7110.	337.1	-12.2	50.5	50.5	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
7184.	330.8	-12.2	51.1	51.1	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
7258.	324.5	-12.2	51.7	51.7	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
7332.	318.2	-12.2	52.3	52.3	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
7406.	311.9	-12.2	52.9	52.9	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
7480.	305.6	-12.2	53.5	53.5	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
7554.	299.3	-12.2	54.1	54.1	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
7628.	293.0	-12.2	54.7	54.7	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
7702.	286.7	-12.2	55.3	55.3	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
7776.	280.4	-12.2	55.9	55.9	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
7850.	274.1	-12.2	56.5	56.5	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
7924.	267.8	-12.2	57.1	57.1	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
7998.	261.5	-12.2	57.7	57.7	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
8072.	255.2	-12.2	58.3	58.3	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
8146.	248.9	-12.2	58.9	58.9	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
8220.	242.6	-12.2	59.5	59.5	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
8294.	236.3	-12.2	60.1	60.1	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
8368.	230.0	-12.2	60.7	60.7	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
8442.	223.7	-12.2	61.3	61.3	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
8516.	217.4	-12.2	61.9	61.9	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
8590.	211.1	-12.2	62.5	62.5	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
8664.	204.8	-12.2	63.1	63.1	-17.4	66.	1.4266	1.0412	0.9445	316.0	11.7
8738.	198.5	-12.2	63.7	63.7	-17.4	66.	1.4266	1.0412	0.9445		

HEIGHT (M)	PRFS (M)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	F (M)	1E+3-RHO (G/M+3)	RHO (KG/M+3)	DIR (DEG)	SPEED (M/S)
8431.	315.2	-55.2	36.9	36.9	-55.3	31.	0.0111	0.0121	0.4925	248.0	27.7
8499.	311.9	-55.2	37.0	37.0	-55.3	31.	0.0111	0.0113	0.4887	248.0	20.7
8564.	308.8	-55.2	37.1	37.1	-55.3	31.	0.0111	0.0105	0.4851	248.0	20.6
8631.	305.6	-55.2	37.3	37.3	-55.3	31.	0.0111	0.0097	0.4812	248.0	20.6
8697.	302.5	-55.2	37.2	37.2	-55.3	31.	0.0111	0.0090	0.4778	248.0	20.1
8766.	299.3	-55.2	37.3	37.3	-55.3	31.	0.0111	0.0084	0.4740	248.0	19.7
8832.	296.2	-55.2	37.1	37.1	-55.3	31.	0.0111	0.0076	0.4708	248.0	19.7
8899.	293.1	-55.2	37.4	37.4	-55.3	31.	0.0111	0.0072	0.4668	248.0	19.7
8965.	290.0	-55.2	37.6	37.6	-55.3	31.	0.0111	0.0067	0.4628	248.0	19.7
9032.	286.9	-55.2	37.8	37.8	-55.3	31.	0.0111	0.0064	0.4588	248.0	19.7
9099.	283.8	-55.2	38.0	38.0	-55.3	31.	0.0111	0.0061	0.4548	248.0	19.7
9166.	280.7	-55.2	38.2	38.2	-55.3	31.	0.0111	0.0058	0.4508	248.0	19.7
9232.	277.6	-55.2	38.4	38.4	-55.3	31.	0.0111	0.0055	0.4468	248.0	19.7
9299.	274.5	-55.2	38.6	38.6	-55.3	31.	0.0111	0.0052	0.4428	248.0	19.7
9365.	271.4	-55.2	38.8	38.8	-55.3	31.	0.0111	0.0049	0.4388	248.0	19.7
9432.	268.3	-55.2	39.0	39.0	-55.3	31.	0.0111	0.0046	0.4348	248.0	19.7
9499.	265.2	-55.2	39.2	39.2	-55.3	31.	0.0111	0.0043	0.4308	248.0	19.7
9565.	262.1	-55.2	39.4	39.4	-55.3	31.	0.0111	0.0040	0.4268	248.0	19.7
9632.	259.0	-55.2	39.6	39.6	-55.3	31.	0.0111	0.0037	0.4228	248.0	19.7
9699.	255.9	-55.2	39.8	39.8	-55.3	31.	0.0111	0.0034	0.4188	248.0	19.7
9765.	252.8	-55.2	40.0	40.0	-55.3	31.	0.0111	0.0031	0.4148	248.0	19.7
9832.	249.7	-55.2	40.2	40.2	-55.3	31.	0.0111	0.0028	0.4108	248.0	19.7
9899.	246.6	-55.2	40.4	40.4	-55.3	31.	0.0111	0.0025	0.4068	248.0	19.7
9965.	243.5	-55.2	40.6	40.6	-55.3	31.	0.0111	0.0022	0.4028	248.0	19.7
10032.	240.4	-55.2	40.8	40.8	-55.3	31.	0.0111	0.0019	0.3988	248.0	19.7
10122.	237.3	-55.2	41.0	41.0	-55.3	31.	0.0111	0.0016	0.3948	248.0	19.7
10144.	234.2	-55.2	41.2	41.2	-55.3	31.	0.0111	0.0013	0.3908	248.0	19.7
10244.	231.1	-55.2	41.4	41.4	-55.3	31.	0.0111	0.0010	0.3868	248.0	19.7
10322.	228.0	-55.2	41.6	41.6	-55.3	31.	0.0111	0.0007	0.3828	248.0	19.7
10364.	224.9	-55.2	41.8	41.8	-55.3	31.	0.0111	0.0004	0.3788	248.0	19.7
10423.	221.8	-55.2	42.0	42.0	-55.3	31.	0.0111	0.0001	0.3748	248.0	19.7
10483.	218.7	-55.2	42.2	42.2	-55.3	31.	0.0111	0.0000	0.3708	248.0	19.7
10546.	215.6	-55.2	42.4	42.4	-55.3	31.	0.0111	0.0000	0.3668	248.0	19.7
10613.	212.5	-55.2	42.6	42.6	-55.3	31.	0.0111	0.0000	0.3628	248.0	19.7
10675.	209.4	-55.2	42.8	42.8	-55.3	31.	0.0111	0.0000	0.3588	248.0	19.7
10737.	206.3	-55.2	43.0	43.0	-55.3	31.	0.0111	0.0000	0.3548	248.0	19.7
10804.	203.2	-55.2	43.2	43.2	-55.3	31.	0.0111	0.0000	0.3508	248.0	19.7
10864.	200.1	-55.2	43.4	43.4	-55.3	31.	0.0111	0.0000	0.3468	248.0	19.7
10924.	197.0	-55.2	43.6	43.6	-55.3	31.	0.0111	0.0000	0.3428	248.0	19.7
10988.	193.9	-55.2	43.8	43.8	-55.3	31.	0.0111	0.0000	0.3388	248.0	19.7
11047.	190.8	-55.2	44.0	44.0	-55.3	31.	0.0111	0.0000	0.3348	248.0	19.7
11110.	187.7	-55.2	44.2	44.2	-55.3	31.	0.0111	0.0000	0.3308	248.0	19.7
11167.	184.6	-55.2	44.4	44.4	-55.3	31.	0.0111	0.0000	0.3268	248.0	19.7
11225.	181.5	-55.2	44.6	44.6	-55.3	31.	0.0111	0.0000	0.3228	248.0	19.7
11277.	178.4	-55.2	44.8	44.8	-55.3	31.	0.0111	0.0000	0.3188	248.0	19.7
11333.	175.3	-55.2	45.0	45.0	-55.3	31.	0.0111	0.0000	0.3148	248.0	19.7
11389.	172.2	-55.2	45.2	45.2	-55.3	31.	0.0111	0.0000	0.3108	248.0	19.7
11446.	169.1	-55.2	45.4	45.4	-55.3	31.	0.0111	0.0000	0.3068	248.0	19.7
11506.	166.0	-55.2	45.6	45.6	-55.3	31.	0.0111	0.0000	0.3028	248.0	19.7
11567.	162.9	-55.2	45.8	45.8	-55.3	31.	0.0111	0.0000	0.2988	248.0	19.7
11626.	159.8	-55.2	46.0	46.0	-55.3	31.	0.0111	0.0000	0.2948	248.0	19.7
11678.	156.7	-55.2	46.2	46.2	-55.3	31.	0.0111	0.0000	0.2908	248.0	19.7
11735.	153.6	-55.2	46.4	46.4	-55.3	31.	0.0111	0.0000	0.2868	248.0	19.7
11790.	150.5	-55.2	46.6	46.6	-55.3	31.	0.0111	0.0000	0.2828	248.0	19.7
11847.	147.4	-55.2	46.8	46.8	-55.3	31.	0.0111	0.0000	0.2788	248.0	19.7
11904.	144.3	-55.2	47.0	47.0	-55.3	31.	0.0111	0.0000	0.2748	248.0	19.7
11961.	141.2	-55.2	47.2	47.2	-55.3	31.	0.0111	0.0000	0.2708	248.0	19.7
12016.	138.1	-55.2	47.4	47.4	-55.3	31.	0.0111	0.0000	0.2668	248.0	19.7
12075.	135.0	-55.2	47.6	47.6	-55.3	31.	0.0111	0.0000	0.2628	248.0	19.7
12130.	131.9	-55.2	47.8	47.8	-55.3	31.	0.0111	0.0000	0.2588	248.0	19.7
12186.	128.8	-55.2	48.0	48.0	-55.3	31.	0.0111	0.0000	0.2548	248.0	19.7
12238.	125.7	-55.2	48.2	48.2	-55.3	31.	0.0111	0.0000	0.2508	248.0	19.7
12292.	122.6	-55.2	48.4	48.4	-55.3	31.	0.0111	0.0000	0.2468	248.0	19.7
12346.	119.5	-55.2	48.6	48.6	-55.3	31.	0.0111	0.0000	0.2428	248.0	19.7
12400.	116.4	-55.2	48.8	48.8	-55.3	31.	0.0111	0.0000	0.2388	248.0	19.7
12455.	113.3	-55.2	49.0	49.0	-55.3	31.	0.0111	0.0000	0.2348	248.0	19.7
12510.	110.2	-55.2	49.2	49.2	-55.3	31.	0.0111	0.0000	0.2308	248.0	19.7
12567.	107.1	-55.2	49.4	49.4	-55.3	31.	0.0111	0.0000	0.2268	248.0	19.7
12626.	104.0	-55.2	49.6	49.6	-55.3	31.	0.0111	0.0000	0.2228	248.0	19.7
12680.	100.9	-55.2	49.8	49.8	-55.3	31.	0.0111	0.0000	0.2188	248.0	19.7
12737.	97.8	-55.2	50.0	50.0	-55.3	31.	0.0111	0.0000	0.2148	248.0	19.7
12791.	94.7	-55.2	50.2	50.2	-55.3	31.	0.0111	0.0000	0.2108	248.0	19.7
12846.	91.6	-55.2	50.4	50.4	-55.3	31.	0.0111	0.0000	0.2068	248.0	19.7
12899.	88.5	-55.2	50.6	50.6	-55.3	31.	0.0111	0.0000	0.2028	248.0	19.7
12951.	85.4	-55.2	50.8	50.8	-55.3	31.	0.0111	0.0000	0.1988	248.0	19.7
13003.	82.3	-55.2	51.0	51.0	-55.3	31.	0.0111	0.0000	0.1948	248.0	19.7
13057.	79.2	-55.2	51.2	51.2	-55.3	31.	0.0111	0.0000	0.1908	248.0	19.7
13112.	76.1	-55.2	51.4	51.4	-55.3	31.	0.0111	0.0000	0.1868	248.0	19.7
13173.	73.0	-55.2	51.6	51.6	-55.3	31.	0.0111	0.0000	0.1828	248.0	19.7
13224.	69.9	-55.2	51.8	51.8	-55.3	31.	0.0111	0.0000	0.1788	248.0	19.7
13287.	66.8	-55.2	52.0	52.0	-55.3	31.	0.0111	0.0000	0.1748	248.0	19.7
13344.	63.7	-55.2	52.2	52.2	-55.3	31.	0.0111	0.0000	0.1708	248.0	19.7
13402.	60.6	-55.2	52.4	52.4	-55.3	31.	0.0111	0.0000	0.1668	248.0	19.7
13461.	57.5	-55.2	52.6	52.6	-55.3	31.	0.0111	0.0000	0.1628	248.0	19.7
13521.	54.4	-55.2	52.8	52.8	-55.3	31.	0.0111	0.0000	0.1588	248.0	19.7
13582.	51.3	-55.2	53.0	53.0	-55.3	31.	0.0111	0.0000	0.1548	248.0	19.7
13644.	48.2	-55.2	53.2	53.2	-55.3	31.	0.0111	0.0000	0.1508	248.0	19.7
13707.	45.1	-55.2	53.4	53.4	-55.3	31.	0.0111	0.0000	0.1468	248.0	19.7
13771.	42.0	-55.2	53.6	53.6	-55.3	31.	0.0111	0.0000	0.1428	248.0	19.7
13837.	38.9	-55.2	53.8	53.8	-55.3	31.	0.0111	0.0000	0.1388	248.0	19.7
13904.	35.8	-55.2	54.0	54.0	-55.3	31.	0.0111	0.0000	0.1348	248.0	19.7
13972.	32.7	-55.2	54.2	54.2	-55.3	31.	0.0111	0.0000	0.1308	248.0	19.7
14041.	29.6	-55.2	54.4	54.4	-55.3	31.	0.0111	0.0000	0.1268	248.0	19.7
14111.	26.5	-55.2	54.6	54.6	-55.3	31.	0.0111	0.0000	0.1228	248.0	19.7
14182.	23.4	-55.2	54.8	54.8	-55.3	31.	0.0111	0.0000	0.1188	248.0	19.7
14254.	20.3	-55.2	55.0	55.0	-55.3	31.	0.0111	0.0000	0.1148	248.0	19.7
14327.	17.2	-55.2	55.2	55.2	-55.3	31.	0.0111	0.0000	0.1108	248.0	19.7
14401.	14.1	-55.2	55.4	55.4	-55.3	31.	0.0111	0.0000	0.1068	248.0	19.7
14476.	11.0	-55.2	55.6	55.6	-55.3	31.	0.0111	0.0000	0.1028	248.0	19.7
14552.	7.9	-55.2	55.8	55.8	-55.3	31.	0.0111	0.0000	0.0988	248.0	19.7
14629.	4.8	-55.2	56.0	56.0	-55.3	31.	0.0111	0.0000	0.0948	248.0	19.7
14707.	1.7	-55.2	56.2	56.2	-55.3	31.	0.0111	0.0000	0.0908	248.0	19.7
14786.	0.6	-55.2									

HEIGHT (ft)	PRFS (ft)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	F (ft)	1E+4*RH0 (6/7+0.3)	RHO (KG/M+3)	DPR (C/G)	SPRFO (M/G)
1488.4	111.4	-47.2	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1491.1	111.4	-47.2	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1493.8	111.4	-47.2	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1501.1	111.5	-46.3	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1507.1	111.5	-46.1	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1512.5	111.7	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1518.8	111.7	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1523.3	111.7	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1529.9	111.8	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1534.4	111.8	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1540.8	111.9	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1546.5	112.0	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1551.8	112.1	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1557.1	112.2	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1563.9	112.3	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1569.7	112.4	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1574.7	112.5	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1579.7	112.6	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1585.7	112.7	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1591.6	112.8	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1597.5	112.9	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1603.5	113.0	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1609.6	113.1	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1615.1	113.2	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1621.2	113.3	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1626.8	113.4	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1632.8	113.5	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1638.5	113.6	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1643.7	113.7	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1649.2	113.8	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1655.2	113.9	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1660.5	114.0	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1666.1	114.1	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1671.8	114.2	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1677.4	114.3	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1683.1	114.4	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1688.7	114.5	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1694.4	114.6	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1700.1	114.7	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1705.8	114.8	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1711.5	114.9	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1717.2	115.0	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1722.9	115.1	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1728.6	115.2	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1734.3	115.3	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1740.0	115.4	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1745.7	115.5	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1751.4	115.6	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1757.1	115.7	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1762.8	115.8	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1768.5	115.9	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1774.2	116.0	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1779.9	116.1	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1785.6	116.2	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1791.3	116.3	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1797.0	116.4	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1802.7	116.5	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1808.4	116.6	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1814.1	116.7	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1819.8	116.8	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1825.5	116.9	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1831.2	117.0	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1836.9	117.1	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1842.6	117.2	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1848.3	117.3	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1854.0	117.4	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1859.7	117.5	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1865.4	117.6	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1871.1	117.7	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1876.8	117.8	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1882.5	117.9	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1888.2	118.0	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1893.9	118.1	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1899.6	118.2	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1905.3	118.3	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1911.0	118.4	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1916.7	118.5	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1922.4	118.6	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1928.1	118.7	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1933.8	118.8	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1939.5	118.9	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1945.2	119.0	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1950.9	119.1	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1956.6	119.2	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1962.3	119.3	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1968.0	119.4	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1973.7	119.5	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1979.4	119.6	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1985.1	119.7	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1990.8	119.8	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
1996.5	119.9	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
2002.2	120.0	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
2007.9	120.1	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
2013.6	120.2	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
2019.3	120.3	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
2025.0	120.4	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
2030.7	120.5	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
2036.4	120.6	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
2042.1	120.7	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
2047.8	120.8	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
2053.5	120.9	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
2059.2	121.0	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
2064.9	121.1	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
2070.6	121.2	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
2076.3	121.3	-46.0	147.1	147.1	147.1	1.1	176	176	1.424	255.0	1.1
2082.0	121.4	-46.0	147.1	147.1							

SOUNDING 02.0
LATITUDE -44.0 LONGITUDE -2.0
DATE 11-14-81 TIME 2338 GMT
NUMBER OF LEVELS 507

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HEIGHT (M)	PRFS (M/S)	T (C)	THETA (C)	THEIAV (C)	DEW POINT (C)	REL HUM (%)	F (M)	1E+3+RHQ (G/M+3)	RHO (KG/M+3)	DIR (REG)	SPEED (M/S)
4432.	548.6	-27.7	18.2	18.3	-26.6	91.	0.4397	0.3897	0.7790	280.0	16.8
4441.	548.1	-28.2	18.2	18.4	-29.1	91.	0.4417	0.3710	0.7742	279.0	16.9
4555.	535.4	-28.8	18.3	18.4	-29.7	91.	0.4322	0.3497	0.7694	279.0	17.0
4611.	535.1	-29.3	18.4	18.5	-30.2	91.	0.4373	0.3527	0.7648	278.0	17.0
4668.	535.8	-30.3	18.4	18.5	-30.7	91.	0.4362	0.3166	0.7602	278.0	17.1
4722.	522.8	-30.9	18.4	18.4	-31.3	91.	0.4358	0.2981	0.7563	277.0	17.2
4774.	511.0	-30.9	19.1	19.1	-31.8	91.	0.4315	0.2835	0.7522	277.0	17.3
4827.	511.0	-30.9	19.1	19.7	-31.7	91.	0.4319	0.2864	0.7463	277.0	17.4
4880.	511.2	-30.9	19.6	19.7	-31.8	91.	0.4315	0.2835	0.7412	277.0	17.5
4931.	511.5	-31.2	19.9	19.9	-32.1	91.	0.4360	0.2751	0.7367	277.0	17.5
4982.	507.8	-31.6	20.0	20.0	-32.5	91.	0.4293	0.2642	0.7326	277.0	17.6
5036.	503.9	-32.1	20.0	20.1	-33.0	91.	0.4278	0.2511	0.7285	277.0	17.7
5094.	499.8	-32.5	20.0	20.3	-33.4	91.	0.4267	0.2411	0.7237	277.0	17.8
5147.	495.0	-33.0	20.0	20.3	-33.9	91.	0.4252	0.2293	0.7197	277.0	18.0
5201.	492.2	-33.5	20.0	20.5	-34.3	91.	0.4242	0.2198	0.7154	277.0	18.1
5253.	488.6	-33.9	20.0	20.9	-34.8	91.	0.4237	0.2088	0.7116	277.0	18.2
5305.	484.7	-34.4	20.0	21.5	-35.3	91.	0.4227	0.1982	0.7074	277.0	18.3
5358.	480.7	-34.9	20.0	22.7	-35.5	91.	0.4218	0.1902	0.7029	276.0	18.4
5410.	477.1	-35.4	20.0	23.6	-35.5	91.	0.4213	0.1942	0.6969	276.0	18.5
5472.	473.3	-35.9	20.0	24.7	-35.1	91.	0.4204	0.2024	0.6905	276.0	18.7
5522.	470.1	-36.4	20.0	26.0	-34.6	91.	0.4194	0.2131	0.6841	276.0	18.8
5576.	466.5	-36.9	20.0	26.4	-34.0	91.	0.4184	0.2267	0.6772	276.0	18.8
5628.	463.1	-37.4	20.0	26.5	-33.6	91.	0.4174	0.2361	0.6712	276.0	18.8
5677.	459.2	-37.9	20.0	27.2	-33.7	91.	0.4164	0.2337	0.6667	276.0	18.8
5727.	455.6	-38.4	20.0	27.7	-33.7	91.	0.4154	0.2337	0.6620	276.0	18.8
5778.	452.1	-38.9	20.0	28.2	-33.7	91.	0.4144	0.2337	0.6572	276.0	18.7
5828.	448.5	-39.4	20.0	28.8	-33.7	91.	0.4134	0.2337	0.6526	276.0	18.6
5878.	444.9	-39.9	20.0	29.4	-33.7	91.	0.4124	0.2337	0.6480	276.0	18.5
5928.	441.3	-40.4	20.0	30.0	-33.7	91.	0.4114	0.2337	0.6433	276.0	18.5
5977.	437.7	-40.9	20.0	30.6	-33.7	91.	0.4104	0.2337	0.6387	276.0	18.4
6027.	434.1	-41.4	20.0	31.2	-33.7	91.	0.4094	0.2337	0.6341	276.0	18.4
6077.	430.5	-41.9	20.0	31.8	-33.7	91.	0.4084	0.2337	0.6295	276.0	18.3
6127.	426.9	-42.4	20.0	32.4	-33.7	91.	0.4074	0.2337	0.6249	276.0	18.2
6177.	423.3	-42.9	20.0	33.0	-33.7	91.	0.4064	0.2337	0.6203	276.0	18.1
6227.	419.7	-43.4	20.0	33.6	-33.7	91.	0.4054	0.2337	0.6157	276.0	18.0
6277.	416.1	-43.9	20.0	34.2	-33.7	91.	0.4044	0.2337	0.6111	276.0	17.9
6327.	412.5	-44.4	20.0	34.8	-33.7	91.	0.4034	0.2337	0.6065	276.0	17.8
6377.	408.9	-44.9	20.0	35.4	-33.7	91.	0.4024	0.2337	0.6019	276.0	17.7
6427.	405.3	-45.4	20.0	36.0	-33.7	91.	0.4014	0.2337	0.5973	276.0	17.6
6477.	401.7	-45.9	20.0	36.6	-33.7	91.	0.4004	0.2337	0.5927	276.0	17.5
6527.	398.1	-46.4	20.0	37.2	-33.7	91.	0.3994	0.2337	0.5881	276.0	17.4
6577.	394.5	-46.9	20.0	37.8	-33.7	91.	0.3984	0.2337	0.5835	276.0	17.3
6627.	390.9	-47.4	20.0	38.4	-33.7	91.	0.3974	0.2337	0.5789	276.0	17.2
6677.	387.3	-47.9	20.0	39.0	-33.7	91.	0.3964	0.2337	0.5743	276.0	17.1
6727.	383.7	-48.4	20.0	39.6	-33.7	91.	0.3954	0.2337	0.5697	276.0	17.0
6777.	380.1	-48.9	20.0	40.2	-33.7	91.	0.3944	0.2337	0.5651	276.0	16.9
6827.	376.5	-49.4	20.0	40.8	-33.7	91.	0.3934	0.2337	0.5605	276.0	16.8
6877.	372.9	-49.9	20.0	41.4	-33.7	91.	0.3924	0.2337	0.5559	276.0	16.7
6927.	369.3	-50.4	20.0	42.0	-33.7	91.	0.3914	0.2337	0.5513	276.0	16.6
6977.	365.7	-50.9	20.0	42.6	-33.7	91.	0.3904	0.2337	0.5467	276.0	16.5
7027.	362.1	-51.4	20.0	43.2	-33.7	91.	0.3894	0.2337	0.5421	276.0	16.4
7077.	358.5	-51.9	20.0	43.8	-33.7	91.	0.3884	0.2337	0.5375	276.0	16.3
7127.	354.9	-52.4	20.0	44.4	-33.7	91.	0.3874	0.2337	0.5329	276.0	16.2
7177.	351.3	-52.9	20.0	45.0	-33.7	91.	0.3864	0.2337	0.5283	276.0	16.1
7227.	347.7	-53.4	20.0	45.6	-33.7	91.	0.3854	0.2337	0.5237	276.0	16.0
7277.	344.1	-53.9	20.0	46.2	-33.7	91.	0.3844	0.2337	0.5191	276.0	15.9
7327.	340.5	-54.4	20.0	46.8	-33.7	91.	0.3834	0.2337	0.5145	276.0	15.8
7377.	336.9	-54.9	20.0	47.4	-33.7	91.	0.3824	0.2337	0.5099	276.0	15.7
7427.	333.3	-55.4	20.0	48.0	-33.7	91.	0.3814	0.2337	0.5053	276.0	15.6
7477.	329.7	-55.9	20.0	48.6	-33.7	91.	0.3804	0.2337	0.5007	276.0	15.5
7527.	326.1	-56.4	20.0	49.2	-33.7	91.	0.3794	0.2337	0.4961	276.0	15.4
7577.	322.5	-56.9	20.0	49.8	-33.7	91.	0.3784	0.2337	0.4915	276.0	15.3
7627.	318.9	-57.4	20.0	50.4	-33.7	91.	0.3774	0.2337	0.4869	276.0	15.2
7677.	315.3	-57.9	20.0	51.0	-33.7	91.	0.3764	0.2337	0.4823	276.0	15.1
7727.	311.7	-58.4	20.0	51.6	-33.7	91.	0.3754	0.2337	0.4777	276.0	15.0
7777.	308.1	-58.9	20.0	52.2	-33.7	91.	0.3744	0.2337	0.4731	276.0	14.9
7827.	304.5	-59.4	20.0	52.8	-33.7	91.	0.3734	0.2337	0.4685	276.0	14.8
7877.	300.9	-59.9	20.0	53.4	-33.7	91.	0.3724	0.2337	0.4639	276.0	14.7
7927.	297.3	-60.4	20.0	54.0	-33.7	91.	0.3714	0.2337	0.4593	276.0	14.6
7977.	293.7	-60.9	20.0	54.6	-33.7	91.	0.3704	0.2337	0.4547	276.0	14.5
8027.	290.1	-61.4	20.0	55.2	-33.7	91.	0.3694	0.2337	0.4501	276.0	14.4
8077.	286.5	-61.9	20.0	55.8	-33.7	91.	0.3684	0.2337	0.4455	276.0	14.3
8127.	282.9	-62.4	20.0	56.4	-33.7	91.	0.3674	0.2337	0.4409	276.0	14.2
8177.	279.3	-62.9	20.0	57.0	-33.7	91.	0.3664	0.2337	0.4363	276.0	14.1
8227.	275.7	-63.4	20.0	57.6	-33.7	91.	0.3654	0.2337	0.4317	276.0	14.0
8277.	272.1	-63.9	20.0	58.2	-33.7	91.	0.3644	0.2337	0.4271	276.0	13.9
8327.	268.5	-64.4	20.0	58.8	-33.7	91.	0.3634	0.2337	0.4225	276.0	13.8
8377.	264.9	-64.9	20.0	59.4	-33.7	91.	0.3624	0.2337	0.4179	276.0	13.7
8427.	261.3	-65.4	20.0	60.0	-33.7	91.	0.3614	0.2337	0.4133	276.0	13.6
8477.	257.7	-65.9	20.0	60.6	-33.7	91.	0.3604	0.2337	0.4087	276.0	13.5
8527.	254.1	-66.4	20.0	61.2	-33.7	91.	0.3594	0.2337	0.4041	276.0	13.4
8577.	250.5	-66.9	20.0	61.8	-33.7	91.	0.3584	0.2337	0.3995	276.0	13.3
8627.	246.9	-67.4	20.0	62.4	-33.7	91.	0.3574	0.2337	0.3949	276.0	13.2
8677.	243.3	-67.9	20.0	63.0	-33.7	91.	0.3564	0.2337	0.3903	276.0	13.1
8727.	239.7	-68.4	20.0	63.6	-33.7	91.	0.3554	0.2337	0.3857	276.0	13.0
8777.	236.1	-68.9	20.0	64.2	-33.7	91.	0.3544	0.2337	0.3811	276.0	12.9
8827.	232.5	-69.4	20.0	64.8	-33.7	91.	0.3534	0.2337	0.3765	276.0	12.8
8877.	228.9	-69.9	20.0	65.4	-33.7	91.	0.3524	0.2337	0.3719	276.0	12.7
8927.	225.3	-70.4	20.0	66.0	-33.7	91.	0.3514	0.2337	0.3673	276.0	12.6
8977.	221.7	-70.9	20.0	66.6	-33.7	91.	0.3504	0.2337	0.3627	276.0	12.5
9027.	218.1	-71.4	20.0	67.2	-33.7	91.	0.3494	0.2337	0.3581	276.0	12.4
9077.	214.5	-71.9	20.0	67.8	-33.7	91.	0.3484	0.2337	0.3535	276.0	12.3
9127.	210.9	-72.4	20.0	68.4	-33.7	91.	0.3474	0.2337	0.3489	276.0	12.2
9177.	207.3	-72.9	20.0	69.0	-33.7	91.	0.3464	0.2337	0.3443	276.0	12.1
9227.	203.7	-73.4	20.0	69.6	-33.7	91.	0.3454	0.2337	0.3397	276.0	12.0

HEIGHT (M)	PRES (H.P)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	F (MM)	1E+3-RHO (G/M+3)	RHO (KG/M+3)	DIR (DEG)	SPEED (M/S)
9242.0	274.1	-39.9	64.9	64.9	-40.4	91.1	6.1	0.1141	0.4690	282.0	14.6
9280.0	271.0	-39.9	65.4	65.4	-40.4	91.1	6.1	0.1141	0.4690	282.0	14.6
9320.0	269.4	-39.9	66.1	66.1	-40.3	91.1	6.1	0.1153	0.4682	282.0	14.6
9361.0	267.7	-39.9	67.2	67.2	-40.3	91.1	6.1	0.1153	0.4682	282.0	14.6
9404.0	266.2	-39.9	67.7	67.7	-40.4	91.1	6.1	0.1141	0.4694	282.0	14.6
9442.0	264.5	-39.9	68.2	68.2	-40.4	91.1	6.1	0.1141	0.4694	282.0	14.6
9486.0	262.8	-39.9	68.8	68.8	-40.5	91.1	6.1	0.1129	0.4722	282.0	14.6
9530.0	261.1	-39.9	69.4	69.4	-40.5	91.1	6.1	0.1129	0.4722	282.0	14.6
9574.0	259.4	-39.9	70.1	70.1	-40.5	91.1	6.1	0.1129	0.4722	282.0	14.6
9619.0	257.7	-39.9	70.5	70.5	-40.6	91.1	6.1	0.1116	0.4751	282.0	14.6
9658.0	256.0	-40.0	70.8	70.8	-40.6	91.1	6.1	0.1116	0.4751	282.0	14.6
9701.0	254.3	-40.0	71.2	71.2	-40.7	91.1	6.1	0.1092	0.4781	282.0	14.6
9738.0	252.6	-40.0	71.6	71.6	-40.7	91.1	6.1	0.1092	0.4781	282.0	14.6
9776.0	250.9	-40.0	72.0	72.0	-40.8	91.1	6.1	0.1069	0.4811	282.0	14.6
9819.0	249.1	-40.0	72.3	72.3	-40.8	91.1	6.1	0.1069	0.4811	282.0	14.6
9858.0	247.6	-40.0	73.3	73.3	-40.8	91.1	6.1	0.1057	0.4841	282.0	14.6
9895.0	246.2	-40.0	74.0	74.0	-40.8	91.1	6.1	0.1034	0.4871	282.0	14.6
9936.0	244.9	-40.0	74.6	74.6	-40.8	91.1	6.1	0.1034	0.4871	282.0	14.6
9975.0	243.5	-40.0	75.0	75.0	-40.8	91.1	6.1	0.1023	0.4900	282.0	14.6
10010.0	242.1	-40.0	75.6	75.6	-40.8	91.1	6.1	0.1023	0.4900	282.0	14.6
10050.0	240.7	-40.0	76.1	76.1	-40.8	91.1	6.1	0.1023	0.4900	282.0	14.6
10089.0	239.2	-40.0	76.8	76.8	-40.8	91.1	6.1	0.1023	0.4900	282.0	14.6
10128.0	237.7	-40.0	77.2	77.2	-40.8	91.1	6.1	0.1012	0.4929	282.0	14.6
10171.0	236.2	-40.0	77.6	77.6	-40.8	91.1	6.1	0.1012	0.4929	282.0	14.6
10208.0	234.5	-40.0	78.0	78.0	-40.8	91.1	6.1	0.1001	0.4958	282.0	14.6
10248.0	233.0	-40.0	78.5	78.5	-40.8	91.1	6.1	0.1001	0.4958	282.0	14.6
10288.0	231.5	-40.0	79.1	79.1	-40.8	91.1	6.1	0.0990	0.4987	282.0	14.6
10328.0	230.0	-40.0	79.4	79.4	-40.8	91.1	6.1	0.0979	0.5016	282.0	14.6
10369.0	228.5	-40.0	80.0	80.0	-40.8	91.1	6.1	0.0968	0.5045	282.0	14.6
10411.0	227.0	-40.0	80.5	80.5	-40.8	91.1	6.1	0.0958	0.5074	282.0	14.6
10452.0	225.5	-40.0	81.1	81.1	-40.8	91.1	6.1	0.0947	0.5103	282.0	14.6
10493.0	224.0	-40.0	81.4	81.4	-40.8	91.1	6.1	0.0937	0.5132	282.0	14.6
10532.0	222.5	-40.0	82.2	82.2	-40.8	91.1	6.1	0.0927	0.5161	282.0	14.6
10571.0	221.0	-40.0	82.7	82.7	-40.8	91.1	6.1	0.0916	0.5190	282.0	14.6
10610.0	219.5	-40.0	83.2	83.2	-40.8	91.1	6.1	0.0906	0.5219	282.0	14.6
10650.0	218.0	-40.0	83.7	83.7	-40.8	91.1	6.1	0.0895	0.5248	282.0	14.6
10689.0	216.5	-40.0	84.4	84.4	-40.8	91.1	6.1	0.0885	0.5277	282.0	14.6
10729.0	215.0	-40.0	85.0	85.0	-40.8	91.1	6.1	0.0875	0.5306	282.0	14.6
10768.0	213.5	-40.0	85.5	85.5	-40.8	91.1	6.1	0.0865	0.5335	282.0	14.6
10808.0	212.0	-40.0	86.1	86.1	-40.8	91.1	6.1	0.0855	0.5364	282.0	14.6
10848.0	210.5	-40.0	86.6	86.6	-40.8	91.1	6.1	0.0845	0.5393	282.0	14.6
10889.0	209.0	-40.0	87.4	87.4	-40.8	91.1	6.1	0.0835	0.5422	282.0	14.6
10929.0	207.5	-40.0	88.0	88.0	-40.8	91.1	6.1	0.0825	0.5451	282.0	14.6
10969.0	206.0	-40.0	88.6	88.6	-40.8	91.1	6.1	0.0815	0.5480	282.0	14.6
11008.0	204.5	-40.0	89.1	89.1	-40.8	91.1	6.1	0.0805	0.5509	282.0	14.6
11048.0	203.0	-40.0	89.6	89.6	-40.8	91.1	6.1	0.0795	0.5538	282.0	14.6
11089.0	201.5	-40.0	90.0	90.0	-40.8	91.1	6.1	0.0785	0.5567	282.0	14.6
11128.0	200.0	-40.0	90.5	90.5	-40.8	91.1	6.1	0.0775	0.5596	282.0	14.6
11168.0	198.5	-40.0	91.1	91.1	-40.8	91.1	6.1	0.0765	0.5625	282.0	14.6
11208.0	197.0	-40.0	91.6	91.6	-40.8	91.1	6.1	0.0755	0.5654	282.0	14.6
11248.0	195.5	-40.0	92.2	92.2	-40.8	91.1	6.1	0.0745	0.5683	282.0	14.6
11288.0	194.0	-40.0	92.7	92.7	-40.8	91.1	6.1	0.0735	0.5712	282.0	14.6
11328.0	192.5	-40.0	93.2	93.2	-40.8	91.1	6.1	0.0725	0.5741	282.0	14.6
11369.0	191.0	-40.0	93.7	93.7	-40.8	91.1	6.1	0.0715	0.5770	282.0	14.6
11408.0	189.5	-40.0	94.2	94.2	-40.8	91.1	6.1	0.0705	0.5799	282.0	14.6
11448.0	188.0	-40.0	94.7	94.7	-40.8	91.1	6.1	0.0695	0.5828	282.0	14.6
11489.0	186.5	-40.0	95.0	95.0	-40.8	91.1	6.1	0.0685	0.5857	282.0	14.6
11529.0	185.0	-40.0	95.5	95.5	-40.8	91.1	6.1	0.0675	0.5886	282.0	14.6
11569.0	183.5	-40.0	96.1	96.1	-40.8	91.1	6.1	0.0665	0.5915	282.0	14.6
11608.0	182.0	-40.0	96.6	96.6	-40.8	91.1	6.1	0.0655	0.5944	282.0	14.6
11648.0	180.5	-40.0	97.1	97.1	-40.8	91.1	6.1	0.0645	0.5973	282.0	14.6
11689.0	179.0	-40.0	97.6	97.6	-40.8	91.1	6.1	0.0635	0.6002	282.0	14.6
11729.0	177.5	-40.0	98.0	98.0	-40.8	91.1	6.1	0.0625	0.6031	282.0	14.6
11768.0	176.0	-40.0	98.5	98.5	-40.8	91.1	6.1	0.0615	0.6060	282.0	14.6
11808.0	174.5	-40.0	99.0	99.0	-40.8	91.1	6.1	0.0605	0.6089	282.0	14.6
11848.0	173.0	-40.0	99.5	99.5	-40.8	91.1	6.1	0.0595	0.6118	282.0	14.6
11889.0	171.5	-40.0	100.0	100.0	-40.8	91.1	6.1	0.0585	0.6147	282.0	14.6
11929.0	170.0	-40.0	100.5	100.5	-40.8	91.1	6.1	0.0575	0.6176	282.0	14.6
11969.0	168.5	-40.0	101.0	101.0	-40.8	91.1	6.1	0.0565	0.6205	282.0	14.6
12008.0	167.0	-40.0	101.5	101.5	-40.8	91.1	6.1	0.0555	0.6234	282.0	14.6
12048.0	165.5	-40.0	102.0	102.0	-40.8	91.1	6.1	0.0545	0.6263	282.0	14.6
12089.0	164.0	-40.0	102.5	102.5	-40.8	91.1	6.1	0.0535	0.6292	282.0	14.6
12129.0	162.5	-40.0	103.0	103.0	-40.8	91.1	6.1	0.0525	0.6321	282.0	14.6
12169.0	161.0	-40.0	103.5	103.5	-40.8	91.1	6.1	0.0515	0.6350	282.0	14.6
12208.0	159.5	-40.0	104.0	104.0	-40.8	91.1	6.1	0.0505	0.6379	282.0	14.6
12248.0	158.0	-40.0	104.5	104.5	-40.8	91.1	6.1	0.0495	0.6408	282.0	14.6
12288.0	156.5	-40.0	105.0	105.0	-40.8	91.1	6.1	0.0485	0.6437	282.0	14.6
12329.0	155.0	-40.0	105.5	105.5	-40.8	91.1	6.1	0.0475	0.6466	282.0	14.6
12369.0	153.5	-40.0	106.0	106.0	-40.8	91.1	6.1	0.0465	0.6495	282.0	14.6
12408.0	152.0	-40.0	106.5	106.5	-40.8	91.1	6.1	0.0455	0.6524	282.0	14.6
12448.0	150.5	-40.0	107.0	107.0	-40.8	91.1	6.1	0.0445	0.6553	282.0	14.6
12489.0	149.0	-40.0	107.5	107.5	-40.8	91.1	6.1	0.0435	0.6582	282.0	14.6
12529.0	147.5	-40.0	108.0	108.0	-40.8	91.1	6.1	0.0425	0.6611	282.0	14.6
12569.0	146.0	-40.0	108.5	108.5	-40.8	91.1	6.1	0.0415	0.6640	282.0	14.6
12608.0	144.5	-40.0	109.0	109.0	-40.8	91.1	6.1	0.0405	0.6669	282.0	14.6
12648.0	143.0	-40.0	109.5	109.5	-40.8	91.1	6.1	0.0395	0.6698	282.0	14.6
12689.0	141.5	-40.0	110.0	110.0	-40.8	91.1	6.1	0.0385	0.6727	282.0	14.6
12729.0	140.0	-40.0	110.5	110.5	-40.8	91.1	6.1	0.0375	0.6756	282.0	14.6
12769.0	138.5	-40.0	111.0	111.0	-40.8	91.1	6.1	0.0365	0.6785	282.0	14.6
12808.0	137.0	-40.0	111.5	111.5	-40.8	91.1	6.1	0.0355	0.6814	282.0	14.6
12848.0	135.5	-40.0	112.0	112.0	-40.8	91.1	6.1	0.0345	0.6843	282.0	14.6
12889.0	134.0	-40.0	112.5	112.5	-40.8	91.1	6.1	0.0335	0.6872	282.0	14.6
12929.0	132.5	-40.0	113.0	113.0	-40.8	91.1	6.1	0.0325	0.6901	282.0	14.6
12969.0	131.0	-40.0	113.5	113.5	-40.8	91.1	6.1	0.0315	0.6930	282.0	14.6
13008.0	129.5	-40.0	114.0	114.0	-40.8	91.1	6.1	0.0305	0.6959	282.0	14.6
13048.0	128.0	-40.0	114.5	114.5	-40.8	91.1	6.1	0.0295	0.6988	282.0	14.6
13089.0	126.5	-40.0	115.0	115.0	-40.8	91.1	6.1	0.0285	0.7017	282.0	14.6
13129.0	125.0	-40.0	115.5	115.5	-40.8	91.1	6.1	0.0275	0.7046	282.0	14.6
13169.0	123.5	-40.0	116.0	116.0	-40.8	91.1	6.1	0.0265	0.7075	282.0	14.6
13208.0	122.0	-40.0	116.5	116.5	-40.8	91.1	6.1	0.0255	0.7104	282.0	14.6
13248.0	120.5	-40.0	117.0	117.0	-40.8						

HEIGHT (X)	PHFS (M)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	F (MP)	1E+3-RHO (G/M+3)	RHO (KG/M+3)	D/R (REG)	SPEED (M/S)
13775.	135.9	-45.8	125.6	125.6	-46.6	91.	0.0597	0.0571	0.2144	256.0	15.6
13813.	135.1	-45.7	126.4	126.4	-46.5	91.	0.0604	0.0578	0.2131	256.0	15.6
13851.	135.3	-45.7	127.1	127.1	-46.5	91.	0.0611	0.0578	0.2119	256.0	15.6
13890.	135.5	-45.7	127.9	127.9	-46.5	91.	0.0619	0.0584	0.2106	256.0	15.6
13928.	135.6	-45.5	128.8	128.8	-46.4	91.	0.0626	0.0591	0.2093	256.0	15.6
13967.	135.7	-45.4	129.7	129.7	-46.3	91.	0.0634	0.0594	0.2081	256.0	15.6
14006.	135.8	-45.4	130.6	130.6	-46.2	91.	0.0641	0.0612	0.2069	256.0	15.6
14045.	135.9	-44.9	131.5	131.5	-45.7	91.	0.0648	0.0633	0.2046	256.0	15.6
14084.	135.3	-44.7	132.1	132.1	-45.5	91.	0.0660	0.0647	0.2033	256.0	15.6
14123.	135.5	-44.6	133.9	133.9	-45.4	91.	0.0668	0.0655	0.2020	256.0	15.6
14162.	135.7	-44.4	135.1	135.1	-45.2	91.	0.0675	0.0670	0.2006	256.0	15.6
14201.	135.8	-44.4	135.6	135.6	-45.1	91.	0.0686	0.0682	0.1993	256.0	15.6
14240.	135.0	-44.5	136.2	136.2	-45.4	91.	0.0688	0.0688	0.1982	256.0	15.6
14279.	135.2	-44.6	137.0	137.0	-45.4	91.	0.0694	0.0694	0.1970	256.0	15.6
14318.	135.4	-44.7	137.7	137.7	-45.5	91.	0.0698	0.0698	0.1956	256.0	15.6
14357.	135.5	-44.4	138.4	138.4	-45.7	91.	0.0704	0.0704	0.1943	256.0	15.6
14396.	135.6	-44.4	139.2	139.2	-45.7	91.	0.0717	0.0717	0.1931	256.0	15.6
14435.	135.7	-44.5	140.0	140.0	-45.8	91.	0.0729	0.0729	0.1918	256.0	15.6
14474.	135.8	-44.5	140.8	140.8	-45.7	91.	0.0741	0.0741	0.1905	256.0	15.6
14513.	135.9	-44.5	141.6	141.6	-45.7	91.	0.0753	0.0753	0.1892	256.0	15.6
14552.	135.0	-44.5	142.4	142.4	-45.8	91.	0.0765	0.0765	0.1879	256.0	15.6
14591.	135.2	-44.1	143.2	143.2	-45.9	91.	0.0777	0.0777	0.1867	256.0	15.6
14630.	135.3	-44.3	144.0	144.0	-46.1	91.	0.0789	0.0789	0.1854	256.0	15.6
14669.	135.5	-44.3	144.8	144.8	-46.1	91.	0.0801	0.0801	0.1843	256.0	15.6
14708.	135.7	-44.3	145.6	145.6	-46.1	91.	0.0813	0.0813	0.1831	256.0	15.6
14747.	135.8	-44.3	146.4	146.4	-46.1	91.	0.0825	0.0825	0.1818	256.0	15.6
14786.	135.9	-44.3	147.2	147.2	-46.1	91.	0.0837	0.0837	0.1806	256.0	15.6
14825.	135.0	-44.6	148.0	148.0	-46.2	91.	0.0849	0.0849	0.1793	256.0	15.6
14864.	135.2	-44.6	148.8	148.8	-46.2	91.	0.0861	0.0861	0.1781	256.0	15.6
14903.	135.3	-44.6	149.6	149.6	-46.2	91.	0.0873	0.0873	0.1768	256.0	15.6
14942.	135.5	-44.6	150.4	150.4	-46.2	91.	0.0885	0.0885	0.1756	256.0	15.6
14981.	135.7	-44.6	151.2	151.2	-46.2	91.	0.0897	0.0897	0.1743	256.0	15.6
15020.	135.8	-44.6	152.0	152.0	-46.2	91.	0.0909	0.0909	0.1731	256.0	15.6
15059.	135.9	-44.6	152.8	152.8	-46.2	91.	0.0921	0.0921	0.1719	256.0	15.6
15098.	135.0	-44.8	153.6	153.6	-46.3	91.	0.0933	0.0933	0.1708	256.0	15.6
15137.	135.2	-44.8	154.4	154.4	-46.3	91.	0.0945	0.0945	0.1696	256.0	15.6
15176.	135.3	-44.8	155.2	155.2	-46.3	91.	0.0957	0.0957	0.1684	256.0	15.6
15215.	135.5	-44.8	156.0	156.0	-46.3	91.	0.0969	0.0969	0.1672	256.0	15.6
15254.	135.7	-44.8	156.8	156.8	-46.3	91.	0.0981	0.0981	0.1661	256.0	15.6
15293.	135.8	-44.8	157.6	157.6	-46.3	91.	0.0993	0.0993	0.1651	256.0	15.6
15332.	135.9	-44.8	158.4	158.4	-46.3	91.	0.1005	0.1005	0.1640	256.0	15.6
15371.	135.0	-44.8	159.2	159.2	-46.3	91.	0.1017	0.1017	0.1629	256.0	15.6
15410.	135.2	-44.8	160.0	160.0	-46.3	91.	0.1029	0.1029	0.1616	256.0	15.6
15449.	135.3	-44.8	160.8	160.8	-46.3	91.	0.1041	0.1041	0.1605	256.0	15.6
15488.	135.5	-44.8	161.6	161.6	-46.3	91.	0.1053	0.1053	0.1594	256.0	15.6
15527.	135.7	-44.8	162.4	162.4	-46.3	91.	0.1065	0.1065	0.1584	256.0	15.6
15566.	135.8	-44.8	163.2	163.2	-46.3	91.	0.1077	0.1077	0.1574	256.0	15.6
15605.	135.9	-44.8	164.0	164.0	-46.3	91.	0.1089	0.1089	0.1565	256.0	15.6
15644.	135.0	-44.8	164.8	164.8	-46.3	91.	0.1101	0.1101	0.1557	256.0	15.6
15683.	135.2	-44.8	165.6	165.6	-46.3	91.	0.1113	0.1113	0.1546	256.0	15.6
15722.	135.3	-44.8	166.4	166.4	-46.3	91.	0.1125	0.1125	0.1535	256.0	15.6
15761.	135.5	-44.8	167.2	167.2	-46.3	91.	0.1137	0.1137	0.1524	256.0	15.6
15800.	135.7	-44.8	168.0	168.0	-46.3	91.	0.1149	0.1149	0.1513	256.0	15.6
15839.	135.8	-44.8	168.8	168.8	-46.3	91.	0.1161	0.1161	0.1502	256.0	15.6
15878.	135.9	-44.8	169.6	169.6	-46.3	91.	0.1173	0.1173	0.1491	256.0	15.6
15917.	135.0	-44.8	170.4	170.4	-46.3	91.	0.1185	0.1185	0.1480	256.0	15.6
15956.	135.2	-44.8	171.2	171.2	-46.3	91.	0.1197	0.1197	0.1469	256.0	15.6
16000.	135.3	-44.8	172.0	172.0	-46.3	91.	0.1209	0.1209	0.1458	256.0	15.6
16040.	135.5	-44.8	172.8	172.8	-46.3	91.	0.1221	0.1221	0.1447	256.0	15.6
16080.	135.7	-44.8	173.6	173.6	-46.3	91.	0.1233	0.1233	0.1436	256.0	15.6
16120.	135.8	-44.8	174.4	174.4	-46.3	91.	0.1245	0.1245	0.1425	256.0	15.6
16160.	135.9	-44.8	175.2	175.2	-46.3	91.	0.1257	0.1257	0.1415	256.0	15.6
16200.	135.0	-44.8	176.0	176.0	-46.3	91.	0.1269	0.1269	0.1404	256.0	15.6
16240.	135.2	-44.8	176.8	176.8	-46.3	91.	0.1281	0.1281	0.1393	256.0	15.6
16280.	135.3	-44.8	177.6	177.6	-46.3	91.	0.1293	0.1293	0.1382	256.0	15.6
16320.	135.5	-44.8	178.4	178.4	-46.3	91.	0.1305	0.1305	0.1371	256.0	15.6
16360.	135.7	-44.8	179.2	179.2	-46.3	91.	0.1317	0.1317	0.1360	256.0	15.6
16400.	135.8	-44.8	180.0	180.0	-46.3	91.	0.1329	0.1329	0.1349	256.0	15.6
16440.	135.9	-44.8	180.8	180.8	-46.3	91.	0.1341	0.1341	0.1338	256.0	15.6
16480.	135.0	-44.8	181.6	181.6	-46.3	91.	0.1353	0.1353	0.1327	256.0	15.6
16520.	135.2	-44.8	182.4	182.4	-46.3	91.	0.1365	0.1365	0.1316	256.0	15.6
16560.	135.3	-44.8	183.2	183.2	-46.3	91.	0.1377	0.1377	0.1305	256.0	15.6
16600.	135.5	-44.8	184.0	184.0	-46.3	91.	0.1389	0.1389	0.1294	256.0	15.6
16640.	135.7	-44.8	184.8	184.8	-46.3	91.	0.1401	0.1401	0.1283	256.0	15.6
16680.	135.8	-44.8	185.6	185.6	-46.3	91.	0.1413	0.1413	0.1272	256.0	15.6
16720.	135.9	-44.8	186.4	186.4	-46.3	91.	0.1425	0.1425	0.1261	256.0	15.6
16760.	135.0	-44.8	187.2	187.2	-46.3	91.	0.1437	0.1437	0.1250	256.0	15.6
16800.	135.2	-44.8	188.0	188.0	-46.3	91.	0.1449	0.1449	0.1239	256.0	15.6
16840.	135.3	-44.8	188.8	188.8	-46.3	91.	0.1461	0.1461	0.1228	256.0	15.6
16880.	135.5	-44.8	189.6	189.6	-46.3	91.	0.1473	0.1473	0.1217	256.0	15.6
16920.	135.7	-44.8	190.4	190.4	-46.3	91.	0.1485	0.1485	0.1206	256.0	15.6
16960.	135.8	-44.8	191.2	191.2	-46.3	91.	0.1497	0.1497	0.1195	256.0	15.6
17000.	135.9	-44.8	192.0	192.0	-46.3	91.	0.1509	0.1509	0.1184	256.0	15.6
17040.	135.0	-44.8	192.8	192.8	-46.3	91.	0.1521	0.1521	0.1173	256.0	15.6
17080.	135.2	-44.8	193.6	193.6	-46.3	91.	0.1533	0.1533	0.1162	256.0	15.6
17120.	135.3	-44.8	194.4	194.4	-46.3	91.	0.1545	0.1545	0.1151	256.0	15.6
17160.	135.5	-44.8	195.2	195.2	-46.3	91.	0.1557	0.1557	0.1140	256.0	15.6
17200.	135.7	-44.8	196.0	196.0	-46.3	91.	0.1569	0.1569	0.1129	256.0	15.6
17240.	135.8	-44.8	196.8	196.8	-46.3	91.	0.1581	0.1581	0.1118	256.0	15.6
17280.	135.9	-44.8	197.6	197.6	-46.3	91.	0.1593	0.1593	0.1107	256.0	15.6
17320.	135.0	-44.8	198.4	198.4	-46.3	91.	0.1605	0.1605	0.1096	256.0	15.6
17360.	135.2	-44.8	199.2	199.2	-46.3	91.	0.1617	0.1617	0.1085	256.0	15.6
17400.	135.3	-44.8	200.0	200.0	-46.3	91.	0.1629	0.1629	0.1074	256.0	15.6
17440.	135.5	-44.8	200.8	200.8	-46.3	91.	0.1641	0.1641	0.1063	256.0	15.6
17480.	135.7	-44.8	201.6	201.6	-46.3	91.	0.1653	0.1653	0.1052	256.0	15.6
17520.	135.8	-44.8	202.4	202.4	-46.3	91.	0.1665	0.1665	0.1041	256.0	15.6
17560.	135.9	-44.8	203.2	203.2	-46.3	91.	0.1677	0.1677	0.1030	256.0	15.6
17600.	135.0	-44.8	204.0	204.0	-46.3	91.	0.1689	0.1689	0.1019	256.0	15.6
17640.	135.2	-44.8	204.8	204.8	-46.3	91.	0.1701	0.1701	0.1008	256.0	15.6
17680.	135.3	-44.8	205.6	205.6	-46.3	91.	0.1713	0.1713	0.0997	256.0	15.6
17720.											

HEIGHT (M)	PNFS (M)	T (C)	THETA (C)	THEYAV (C)	DEW POINT (C)	REL HUM (%)	P (H)	10*RH04 (G/M*3)	RHO (KG/M*3)	DTR (DEG)	SPEED (M/S)
1855.5	64.1	-47.3	13.4	13.5	-48.1	31.0	0.0489	0.0489	0.0489	251.0	2.4
1857.7	64.7	-47.3	13.4	13.5	-48.1	31.0	0.0489	0.0489	0.0489	251.0	2.4
1860.0	65.2	-47.1	13.4	13.5	-47.7	31.0	0.0491	0.0491	0.0491	251.0	2.4
1862.3	65.7	-46.9	13.4	13.5	-47.3	31.0	0.0493	0.0493	0.0493	251.0	2.4
1864.6	66.2	-46.7	13.4	13.5	-46.9	31.0	0.0495	0.0495	0.0495	251.0	2.4
1866.9	66.7	-46.5	13.4	13.5	-46.5	31.0	0.0497	0.0497	0.0497	251.0	2.4
1869.2	67.2	-46.3	13.4	13.5	-46.1	31.0	0.0499	0.0499	0.0499	251.0	2.4
1871.5	67.7	-46.1	13.4	13.5	-45.7	31.0	0.0501	0.0501	0.0501	251.0	2.4
1873.8	68.2	-45.9	13.4	13.5	-45.3	31.0	0.0503	0.0503	0.0503	251.0	2.4
1876.1	68.7	-45.7	13.4	13.5	-44.9	31.0	0.0505	0.0505	0.0505	251.0	2.4
1878.4	69.2	-45.5	13.4	13.5	-44.5	31.0	0.0507	0.0507	0.0507	251.0	2.4
1880.7	69.7	-45.3	13.4	13.5	-44.1	31.0	0.0509	0.0509	0.0509	251.0	2.4
1883.0	70.2	-45.1	13.4	13.5	-43.7	31.0	0.0511	0.0511	0.0511	251.0	2.4
1885.3	70.7	-44.9	13.4	13.5	-43.3	31.0	0.0513	0.0513	0.0513	251.0	2.4
1887.6	71.2	-44.7	13.4	13.5	-42.9	31.0	0.0515	0.0515	0.0515	251.0	2.4
1889.9	71.7	-44.5	13.4	13.5	-42.5	31.0	0.0517	0.0517	0.0517	251.0	2.4
1892.2	72.2	-44.3	13.4	13.5	-42.1	31.0	0.0519	0.0519	0.0519	251.0	2.4
1894.5	72.7	-44.1	13.4	13.5	-41.7	31.0	0.0521	0.0521	0.0521	251.0	2.4
1896.8	73.2	-43.9	13.4	13.5	-41.3	31.0	0.0523	0.0523	0.0523	251.0	2.4
1899.1	73.7	-43.7	13.4	13.5	-40.9	31.0	0.0525	0.0525	0.0525	251.0	2.4
1901.4	74.2	-43.5	13.4	13.5	-40.5	31.0	0.0527	0.0527	0.0527	251.0	2.4
1903.7	74.7	-43.3	13.4	13.5	-40.1	31.0	0.0529	0.0529	0.0529	251.0	2.4
1906.0	75.2	-43.1	13.4	13.5	-39.7	31.0	0.0531	0.0531	0.0531	251.0	2.4
1908.3	75.7	-42.9	13.4	13.5	-39.3	31.0	0.0533	0.0533	0.0533	251.0	2.4
1910.6	76.2	-42.7	13.4	13.5	-38.9	31.0	0.0535	0.0535	0.0535	251.0	2.4
1912.9	76.7	-42.5	13.4	13.5	-38.5	31.0	0.0537	0.0537	0.0537	251.0	2.4
1915.2	77.2	-42.3	13.4	13.5	-38.1	31.0	0.0539	0.0539	0.0539	251.0	2.4
1917.5	77.7	-42.1	13.4	13.5	-37.7	31.0	0.0541	0.0541	0.0541	251.0	2.4
1919.8	78.2	-41.9	13.4	13.5	-37.3	31.0	0.0543	0.0543	0.0543	251.0	2.4
1922.1	78.7	-41.7	13.4	13.5	-36.9	31.0	0.0545	0.0545	0.0545	251.0	2.4
1924.4	79.2	-41.5	13.4	13.5	-36.5	31.0	0.0547	0.0547	0.0547	251.0	2.4
1926.7	79.7	-41.3	13.4	13.5	-36.1	31.0	0.0549	0.0549	0.0549	251.0	2.4
1929.0	80.2	-41.1	13.4	13.5	-35.7	31.0	0.0551	0.0551	0.0551	251.0	2.4
1931.3	80.7	-40.9	13.4	13.5	-35.3	31.0	0.0553	0.0553	0.0553	251.0	2.4
1933.6	81.2	-40.7	13.4	13.5	-34.9	31.0	0.0555	0.0555	0.0555	251.0	2.4
1935.9	81.7	-40.5	13.4	13.5	-34.5	31.0	0.0557	0.0557	0.0557	251.0	2.4
1938.2	82.2	-40.3	13.4	13.5	-34.1	31.0	0.0559	0.0559	0.0559	251.0	2.4
1940.5	82.7	-40.1	13.4	13.5	-33.7	31.0	0.0561	0.0561	0.0561	251.0	2.4
1942.8	83.2	-39.9	13.4	13.5	-33.3	31.0	0.0563	0.0563	0.0563	251.0	2.4
1945.1	83.7	-39.7	13.4	13.5	-32.9	31.0	0.0565	0.0565	0.0565	251.0	2.4
1947.4	84.2	-39.5	13.4	13.5	-32.5	31.0	0.0567	0.0567	0.0567	251.0	2.4
1949.7	84.7	-39.3	13.4	13.5	-32.1	31.0	0.0569	0.0569	0.0569	251.0	2.4
1952.0	85.2	-39.1	13.4	13.5	-31.7	31.0	0.0571	0.0571	0.0571	251.0	2.4
1954.3	85.7	-38.9	13.4	13.5	-31.3	31.0	0.0573	0.0573	0.0573	251.0	2.4
1956.6	86.2	-38.7	13.4	13.5	-30.9	31.0	0.0575	0.0575	0.0575	251.0	2.4
1958.9	86.7	-38.5	13.4	13.5	-30.5	31.0	0.0577	0.0577	0.0577	251.0	2.4
1961.2	87.2	-38.3	13.4	13.5	-30.1	31.0	0.0579	0.0579	0.0579	251.0	2.4
1963.5	87.7	-38.1	13.4	13.5	-29.7	31.0	0.0581	0.0581	0.0581	251.0	2.4
1965.8	88.2	-37.9	13.4	13.5	-29.3	31.0	0.0583	0.0583	0.0583	251.0	2.4
1968.1	88.7	-37.7	13.4	13.5	-28.9	31.0	0.0585	0.0585	0.0585	251.0	2.4
1970.4	89.2	-37.5	13.4	13.5	-28.5	31.0	0.0587	0.0587	0.0587	251.0	2.4
1972.7	89.7	-37.3	13.4	13.5	-28.1	31.0	0.0589	0.0589	0.0589	251.0	2.4
1975.0	90.2	-37.1	13.4	13.5	-27.7	31.0	0.0591	0.0591	0.0591	251.0	2.4
1977.3	90.7	-36.9	13.4	13.5	-27.3	31.0	0.0593	0.0593	0.0593	251.0	2.4
1979.6	91.2	-36.7	13.4	13.5	-26.9	31.0	0.0595	0.0595	0.0595	251.0	2.4
1981.9	91.7	-36.5	13.4	13.5	-26.5	31.0	0.0597	0.0597	0.0597	251.0	2.4
1984.2	92.2	-36.3	13.4	13.5	-26.1	31.0	0.0599	0.0599	0.0599	251.0	2.4
1986.5	92.7	-36.1	13.4	13.5	-25.7	31.0	0.0601	0.0601	0.0601	251.0	2.4
1988.8	93.2	-35.9	13.4	13.5	-25.3	31.0	0.0603	0.0603	0.0603	251.0	2.4
1991.1	93.7	-35.7	13.4	13.5	-24.9	31.0	0.0605	0.0605	0.0605	251.0	2.4
1993.4	94.2	-35.5	13.4	13.5	-24.5	31.0	0.0607	0.0607	0.0607	251.0	2.4
1995.7	94.7	-35.3	13.4	13.5	-24.1	31.0	0.0609	0.0609	0.0609	251.0	2.4
1998.0	95.2	-35.1	13.4	13.5	-23.7	31.0	0.0611	0.0611	0.0611	251.0	2.4
2000.3	95.7	-34.9	13.4	13.5	-23.3	31.0	0.0613	0.0613	0.0613	251.0	2.4
2002.6	96.2	-34.7	13.4	13.5	-22.9	31.0	0.0615	0.0615	0.0615	251.0	2.4
2004.9	96.7	-34.5	13.4	13.5	-22.5	31.0	0.0617	0.0617	0.0617	251.0	2.4
2007.2	97.2	-34.3	13.4	13.5	-22.1	31.0	0.0619	0.0619	0.0619	251.0	2.4
2009.5	97.7	-34.1	13.4	13.5	-21.7	31.0	0.0621	0.0621	0.0621	251.0	2.4
2011.8	98.2	-33.9	13.4	13.5	-21.3	31.0	0.0623	0.0623	0.0623	251.0	2.4
2014.1	98.7	-33.7	13.4	13.5	-20.9	31.0	0.0625	0.0625	0.0625	251.0	2.4
2016.4	99.2	-33.5	13.4	13.5	-20.5	31.0	0.0627	0.0627	0.0627	251.0	2.4
2018.7	99.7	-33.3	13.4	13.5	-20.1	31.0	0.0629	0.0629	0.0629	251.0	2.4
2021.0	100.2	-33.1	13.4	13.5	-19.7	31.0	0.0631	0.0631	0.0631	251.0	2.4
2023.3	100.7	-32.9	13.4	13.5	-19.3	31.0	0.0633	0.0633	0.0633	251.0	2.4
2025.6	101.2	-32.7	13.4	13.5	-18.9	31.0	0.0635	0.0635	0.0635	251.0	2.4
2027.9	101.7	-32.5	13.4	13.5	-18.5	31.0	0.0637	0.0637	0.0637	251.0	2.4
2030.2	102.2	-32.3	13.4	13.5	-18.1	31.0	0.0639	0.0639	0.0639	251.0	2.4
2032.5	102.7	-32.1	13.4	13.5	-17.7	31.0	0.0641	0.0641	0.0641	251.0	2.4
2034.8	103.2	-31.9	13.4	13.5	-17.3	31.0	0.0643	0.0643	0.0643	251.0	2.4
2037.1	103.7	-31.7	13.4	13.5	-16.9	31.0	0.0645	0.0645	0.0645	251.0	2.4
2039.4	104.2	-31.5	13.4	13.5	-16.5	31.0	0.0647	0.0647	0.0647	251.0	2.4
2041.7	104.7	-31.3	13.4	13.5	-16.1	31.0	0.0649	0.0649	0.0649	251.0	2.4
2044.0	105.2	-31.1	13.4	13.5	-15.7	31.0	0.0651	0.0651	0.0651	251.0	2.4
2046.3	105.7	-30.9	13.4	13.5	-15.3	31.0	0.0653	0.0653	0.0653	251.0	2.4
2048.6	106.2	-30.7	13.4	13.5	-14.9	31.0	0.0655	0.0655	0.0655	251.0	2.4
2050.9	106.7	-30.5	13.4	13.5	-14.5	31.0	0.0657	0.0657	0.0657	251.0	2.4
2053.2	107.2	-30.3	13.4	13.5	-14.1	31.0	0.0659	0.0659	0.0659	251.0	2.4
2055.5	107.7	-30.1	13.4	13.5	-13.7	31.0	0.0661	0.0661	0.0661	251.0	2.4
2057.8	108.2	-29.9	13.4	13.5	-13.3	31.0	0.0663	0.0663	0.0663	251.0	2.4
2060.1	108.7	-29.7	13.4	13.5	-12.9	31.0	0.0665	0.0665	0.0665	251.0	2.4
2062.4	109.2	-29.5	13.4	13.5	-12.5	31.0	0.0667	0.0667	0.0667	251.0	2.4
2064.7	109.7	-29.3	13.4	13.5	-12.1	31.0	0.0669	0.0669	0.0669	251.0	2.4
2067.0	110.2	-29.1	13.4	13.5	-11.7	31.0	0.0671	0.0671	0.0671	251.0	2.4
2069.3	110.7	-28.9	13.4	13.5	-11.3	31.0	0.0673	0.0673	0.0673	251.0	2.4
2071.6	111.2	-28.7	13.4	13.5	-10.9	31.0	0.0675	0.0675	0.0675	251.0	2.4
2073.9	111.7	-28.5	13.4	13.5	-10.5	31.0	0.0677	0.0677	0.0677	251.0	2.4
2076.2	112.2	-28.3	13.4	13.5	-10.1	31.0	0.0679	0.0679	0.0679	251.0	2.4
2078.5	112.7	-28.1	13.4	13.5	-9.7	31.0	0.0681	0.0681	0.0681	251.0	2.4
2080.8	113.2	-27.9	13.4	13.5	-9.3	31.0	0.0683	0.0683	0.0683	251.0	2.4
2083.1	113.7	-27.7	13.4	13.5	-8.9	31.0	0.0685	0.0685	0.0685	251.0	2.4
2085.4	114.2	-27.5	13.4	13.5	-8.5	31.0	0.0687	0.0687	0.0687	251.0	2.4
2087.7	114.7	-27.3	13.4	13.5	-8.1	31.0	0.0689	0.0689	0.06		

SOUNDING 43.0
LATITUDE -54.3 LONGITUDE -9.1
DATE 11-15-81 TIME 1132 GMT
NUMBER OF LEVELS 07

228

SOUNDING -4.5
LATITUDE -53.5 LONGITUDE -6.0
DATE 11-15-81 TIME 0337 GMT
NUMBER OF LEVELS 253

229

230

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3+RH0 (G/M+3)	RH0 (KG/M+3)	DIR (DEG)	SPEED (M/S)
7947.	342.9	-42.2	40.7	40.7	-76.1	1.	0.0000	0.0000	0.5164	333.0	15.0
7966.	342.9	-42.2	40.7	40.7	-76.2	1.	0.0000	0.0000	0.5164	333.0	15.0
8024.	335.0	-42.4	41.1	41.1	-76.4	1.	0.0000	0.0000	0.5118	333.0	12.9
8064.	335.0	-42.4	41.1	41.1	-76.4	1.	0.0000	0.0000	0.5118	333.0	12.9
8102.	335.0	-42.4	41.1	41.1	-76.7	1.	0.0000	0.0000	0.5070	333.0	12.9
8141.	335.0	-42.4	41.1	41.1	-77.1	1.	0.0000	0.0000	0.5048	333.0	12.9
8177.	335.0	-42.4	41.1	41.1	-77.1	1.	0.0000	0.0000	0.5023	333.0	12.9
8217.	328.4	-42.1	42.1	42.1	-77.3	1.	0.0000	0.0000	0.4999	333.0	12.9
8254.	327.4	-42.1	42.1	42.1	-77.5	1.	0.0000	0.0000	0.4977	333.0	12.9
8295.	328.6	-44.4	42.4	42.4	-77.6	1.	0.0000	0.0000	0.4952	333.0	12.9
8332.	328.8	-44.4	42.4	42.4	-77.6	1.	0.0000	0.0000	0.4931	333.0	12.9
8372.	321.9	-44.4	42.4	42.4	-77.6	1.	0.0000	0.0000	0.4906	333.0	12.9
8409.	321.1	-44.4	42.4	42.4	-78.1	1.	0.0000	0.0000	0.4884	333.0	12.9
8448.	311.5	-44.5	43.4	43.4	-78.4	1.	0.0000	0.0000	0.4853	333.0	12.9
8483.	311.7	-44.5	43.4	43.4	-78.4	1.	0.0000	0.0000	0.4831	333.0	12.9
8518.	311.0	-44.5	43.4	43.4	-78.4	1.	0.0000	0.0000	0.4811	333.0	12.9
8554.	311.4	-44.5	43.4	43.4	-78.4	1.	0.0000	0.0000	0.4795	333.0	12.9
8591.	311.4	-44.5	43.4	43.4	-78.4	1.	0.0000	0.0000	0.4769	333.0	12.9
8627.	311.4	-44.5	43.4	43.4	-78.4	1.	0.0000	0.0000	0.4742	333.0	12.9
8667.	311.4	-44.5	43.4	43.4	-78.4	1.	0.0000	0.0000	0.4720	333.0	12.9
8707.	311.1	-44.5	43.4	43.4	-78.4	1.	0.0000	0.0000	0.4701	333.0	12.9
8744.	311.4	-44.5	43.4	43.4	-78.4	1.	0.0000	0.0000	0.4681	333.0	12.9
8783.	311.6	-44.5	43.4	43.4	-78.4	1.	0.0000	0.0000	0.4659	333.0	12.9
8822.	311.0	-47.1	45.4	45.4	-78.8	1.	0.0000	0.0000	0.4636	333.0	12.9
8860.	297.1	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.4611	333.0	12.9
8895.	297.5	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.4591	333.0	12.9
8925.	297.6	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.4570	333.0	12.9
8969.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.4546	333.0	12.9
9009.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.4524	333.0	12.9
9050.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.4500	333.0	12.9
9088.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.4476	333.0	12.9
9127.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.4456	333.0	12.9
9166.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.4433	333.0	12.9
9205.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.4409	333.0	12.9
9243.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.4387	333.0	12.9
9282.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.4363	333.0	12.9
9319.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.4342	333.0	12.9
9357.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.4321	333.0	12.9
9395.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.4300	333.0	12.9
9431.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.4282	333.0	12.9
9471.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.4260	333.0	12.9
9509.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.4219	333.0	12.9
9548.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.4200	333.0	12.9
9586.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.4182	333.0	12.9
9624.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.4164	333.0	12.9
9665.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.4146	333.0	12.9
9705.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.4126	333.0	12.9
9745.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.4105	333.0	12.9
9785.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.4082	333.0	12.9
9825.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.4059	333.0	12.9
9865.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.4035	333.0	12.9
9905.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.4015	333.0	12.9
9945.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.3995	333.0	12.9
10000.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.3976	333.0	12.9
10050.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.3958	333.0	12.9
10100.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.3934	333.0	12.9
10150.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.3914	333.0	12.9
10200.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.3896	333.0	12.9
10250.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.3872	333.0	12.9
10300.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.3848	333.0	12.9
10350.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.3826	333.0	12.9
10400.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.3800	333.0	12.9
10450.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.3775	333.0	12.9
10500.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.3749	333.0	12.9
10550.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.3724	333.0	12.9
10600.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.3699	333.0	12.9
10650.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.3676	333.0	12.9
10700.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.3649	333.0	12.9
10750.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.3624	333.0	12.9
10800.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.3590	333.0	12.9
10850.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.3556	333.0	12.9
10900.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.3526	333.0	12.9
10950.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.3494	333.0	12.9
11000.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.3461	333.0	12.9
11050.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.3429	333.0	12.9
11100.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.3399	333.0	12.9
11150.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.3369	333.0	12.9
11200.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.3338	333.0	12.9
11250.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.3309	333.0	12.9
11300.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.3278	333.0	12.9
11350.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.3249	333.0	12.9
11400.	297.4	-47.3	45.7	45.7	-78.9	1.	0.0000	0.0000	0.3219	333.0	12.9

SOUNDING 65.3
 LATITUDE -52.9 LONGITUDE -8.3
 DATE 11-16-81 TIME 1136 GMT
 NUMBER OF LEVELS 451

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3+RH0 (G/M+3)	RH0 (KG/M+3)	DIR (DEG)	SPEED (M/S)
0.	992.5	1.0	1.6	2.2	-0.3	95.	6.2676	4.9668	1.2661	333.0	15.0
58.	985.4	-0.0	1.7	1.3	-0.7	95.	6.7837	4.6002	1.2618	333.0	12.9
116.	978.4	-0.0	1.7	1.3	-0.8	94.	7.2998	4.2336	1.2574	333.0	12.9
174.	971.0	-0.1	1.2	1.4	-1.0	94.	7.8159	3.8670	1.2530	333.0	12.9
232.	964.0	-0.1	2.8	1.4	-1.0	93.	8.3320	3.5004	1.2486	333.0	12.9
290.	957.0	-0.3	3.6	1.1	-1.0	93.	8.8481	3.1338	1.2442	333.0	12.9
348.	950.2	-0.1	4.1	4.7	-1.0	92.	9.3642	2.7672	1.2398	333.0	12.9
405.	943.5	-0.0	4.6	5.2	-1.1	92.	9.8803	2.4006	1.2354	333.0	12.9
463.	936.6	-0.1	5.1	5.7	-1.2	91.	10.3964	2.0340	1.2310	333.0	12.9
521.	929.7	-0.2	5.5	6.2	-1.3	91.	10.9125	1.6674	1.2266	333.0	12.9
579.	923.0	-0.4	5.9	6.5	-1.7	90.	11.4286	1.3008	1.2222	333.0	12.9
637.	916.9	-0.7	6.1	6.7	-2.0	90.	11.9447	0.9342	1.2178	333.0	12.9
695.	910.8	-0.9	6.3	7.1	-2.2	89.	12.4608	0.5676	1.2134	333.0	12.9
753.	904.4	-1.2	6.7	7.3	-2.6	89.	12.9769	0.2010	1.2090	333.0	12.9
811.	897.8	-1.6	6.9	7.5	-3.0	89.	13.4930	0.0000	1.2046	333.0	12.9

HEIGHT (M)	PRFS (M)	T (C)	THETA (C)	THETA (C)	DEW POINT (C)	REL HUM (%)	E (M)	1E+3+RH0W (G/M+3)	RHO (KG/M+3)	DIR (DEG)	SPEED (M/S)
859.	891.3	-1.9	7.2	7.7	-3.4	88.	4.6124	3.7052	1.1484	99.9	99.9
917.	884.9	-2.1	7.5	8.1	-3.6	88.	4.5358	3.6464	1.1409	99.9	99.9
977.	874.2	-2.3	7.9	8.5	-3.6	87.	4.4096	3.5494	1.1331	99.9	99.9
1042.	871.0	-1.7	9.0	9.4	-3.6	87.	4.5596	3.6647	1.1223	99.9	99.9
1105.	864.7	-1.7	10.5	11.0	-3.5	86.	4.5829	3.6826	1.1127	99.9	99.9
1166.	851.1	-1.7	11.1	11.7	-3.5	86.	4.5294	3.6414	1.1043	99.9	99.9
1226.	845.1	-2.1	11.2	11.8	-4.0	85.	4.3804	3.5268	1.0897	99.9	99.9
1336.	839.4	-2.4	11.5	12.0	-4.5	84.	4.2214	3.4043	1.0834	99.9	99.9
1395.	833.4	-2.7	11.8	12.3	-4.8	84.	4.1163	3.3232	1.0768	99.9	99.9
1449.	827.5	-3.1	11.9	12.4	-5.3	83.	3.9325	3.1812	1.0706	256.0	8.2
1507.	821.5	-3.5	12.1	12.6	-5.7	83.	3.8019	3.0800	1.0644	255.0	8.3
1564.	815.6	-3.4	12.8	13.3	-5.6	83.	3.8341	3.1049	1.0564	255.0	8.2
1626.	809.2	-3.4	13.4	13.9	-5.9	82.	3.7878	3.0691	1.0481	257.0	8.3
1686.	803.1	-3.6	13.6	14.2	-5.9	82.	3.7242	3.0198	1.0409	260.0	8.4
1743.	797.3	-3.9	14.1	14.6	-6.4	81.	3.5864	2.9128	1.0345	261.0	8.4
1806.	790.9	-4.1	14.5	15.0	-6.6	81.	3.5236	2.8658	1.0269	264.0	8.5
1867.	784.9	-4.5	15.4	15.9	-7.1	80.	3.3658	2.7411	1.0125	271.0	9.9
1929.	778.7	-4.5	15.5	15.9	-7.7	79.	3.1848	2.6000	1.0066	274.0	10.5
1986.	772.8	-5.5	15.6	16.0	-8.2	79.	3.0512	2.4955	1.0009	277.0	11.3
2046.	767.1	-5.5	15.8	16.2	-8.8	78.	2.9137	2.3854	0.9943	280.0	12.3
2109.	761.0	-6.2	16.1	16.5	-9.0	78.	2.8364	2.3271	0.9877	282.0	13.4
2228.	749.5	-6.4	16.4	16.8	-9.5	77.	2.7284	2.2422	0.9814	283.0	13.6
2290.	743.6	-6.9	16.6	17.0	-9.9	77.	2.6354	2.1690	0.9751	284.0	13.5
2355.	737.4	-7.4	16.8	17.1	-11.5	76.	2.4906	2.0549	0.9687	284.0	14.4
2420.	731.2	-8.0	16.8	17.2	-11.1	76.	2.3635	1.9543	0.9626	285.0	14.9
2487.	724.9	-8.5	17.0	17.3	-11.7	75.	2.2324	1.8504	0.9560	285.0	16.4
2552.	718.9	-9.9	17.2	17.5	-12.3	74.	2.1265	1.7662	0.9495	285.0	16.7
2611.	713.4	-9.1	17.6	18.0	-12.0	73.	2.1740	1.8040	0.9430	285.0	17.4
2672.	707.2	-9.4	18.2	18.5	-11.6	73.	2.2668	1.8777	0.9360	284.0	17.9
2732.	702.2	-9.4	18.3	18.5	-11.2	73.	2.3733	1.9373	0.9298	284.0	18.6
2791.	697.7	-9.6	19.4	19.4	-11.2	72.	2.3500	1.9436	0.9232	284.0	19.3
2852.	691.5	-9.9	19.4	19.7	-11.2	72.	2.3409	1.9364	0.9170	283.0	19.4
2917.	685.7	-10.3	19.6	20.0	-11.5	72.	2.2845	1.8917	0.9107	283.0	20.1
2981.	680.0	-10.3	19.6	20.1	-12.0	71.	2.1849	1.8127	0.9047	287.0	20.6
3044.	674.4	-11.4	20.1	20.1	-12.7	71.	2.0476	1.7034	0.8993	283.0	21.1
3109.	668.8	-11.9	20.6	20.2	-13.2	70.	1.9575	1.6316	0.8933	282.0	21.6
3172.	663.2	-12.4	20.6	20.4	-13.6	70.	1.8921	1.5794	0.8876	282.0	22.2
3239.	657.7	-12.8	20.5	20.7	-13.7	70.	1.8653	1.5579	0.8812	282.0	22.5
3307.	651.6	-13.3	20.5	20.8	-14.1	69.	1.8016	1.5071	0.8751	283.0	22.8
3373.	645.2	-13.5	20.5	20.9	-14.8	69.	1.6874	1.4153	0.8693	282.0	22.9
3442.	638.4	-13.5	20.7	21.1	-15.5	69.	1.5797	1.3286	0.8634	282.0	23.3
3512.	631.4	-15.3	21.1	21.1	-15.0	69.	1.4246	1.2113	0.8571	283.0	23.9
3581.	626.4	-15.3	21.1	21.3	-17.0	68.	1.3727	1.1613	0.8508	282.0	24.1
3650.	621.7	-16.3	21.7	21.9	-17.4	68.	1.3225	1.1206	0.8444	283.0	24.4
3719.	617.3	-16.3	22.1	22.1	-18.0	67.	1.2481	1.0601	0.8379	283.0	24.9
3788.	611.6	-17.7	22.2	22.2	-18.5	67.	1.1549	1.0035	0.8322	283.0	25.4
3851.	606.2	-17.7	22.2	22.2	-19.0	66.	1.1340	0.9670	0.8264	283.0	25.9
3918.	600.8	-18.5	22.2	22.2	-19.5	66.	1.0514	0.8994	0.8203	283.0	26.4
3986.	595.2	-19.2	22.2	22.2	-20.5	65.	0.9837	0.8438	0.8151	283.0	26.9
4056.	589.8	-19.2	22.2	22.2	-21.3	65.	0.9196	0.7827	0.8099	283.0	27.4
4125.	584.4	-20.5	22.2	22.2	-21.9	64.	0.8586	0.7406	0.7996	283.0	27.9
4194.	579.4	-21.1	22.2	22.2	-22.2	64.	0.8102	0.7005	0.7943	283.0	28.4
4263.	574.2	-21.7	22.2	22.2	-23.2	63.	0.7556	0.6552	0.7880	283.0	28.9
4332.	568.9	-22.2	22.2	22.2	-24.0	63.	0.7054	0.6136	0.7822	283.0	29.4
4401.	563.5	-22.2	22.2	22.2	-24.5	62.	0.6554	0.5799	0.7755	283.0	29.9
4470.	558.4	-24.1	22.2	22.2	-25.1	62.	0.6061	0.5470	0.7743	283.0	30.4
4540.	553.5	-24.1	22.2	22.2	-25.6	61.	0.5544	0.5216	0.7688	283.0	30.9
4610.	548.7	-24.1	22.2	22.2	-26.3	61.	0.5030	0.4871	0.7639	283.0	31.4
4680.	543.1	-24.1	22.2	22.2	-26.5	60.	0.4530	0.5109	0.7560	283.0	31.9
4750.	538.5	-25.1	22.2	22.2	-26.5	60.	0.4066	0.5306	0.7484	283.0	32.4
4820.	533.7	-25.1	22.2	22.2	-27.1	59.	0.3610	0.5511	0.7405	283.0	32.9
4890.	528.7	-25.1	22.2	22.2	-27.4	59.	0.3177	0.5898	0.7319	283.0	33.4
4960.	523.5	-25.1	22.2	22.2	-27.4	58.	0.2663	0.5798	0.7256	283.0	33.9
5030.	518.7	-25.1	22.2	22.2	-27.4	58.	0.2196	0.5583	0.7199	283.0	34.4
5100.	511.1	-25.1	22.2	22.2	-26.4	57.	0.1652	0.5265	0.7147	283.0	34.9
5170.	506.6	-25.1	22.2	22.2	-26.4	57.	0.1152	0.4853	0.7094	283.0	35.4
5240.	501.7	-25.1	22.2	22.2	-27.5	56.	0.0651	0.4451	0.7042	283.0	35.9
5310.	496.8	-25.1	22.2	22.2	-27.5	56.	0.0146	0.4051	0.6988	283.0	36.4
5380.	491.1	-25.1	22.2	22.2	-28.3	55.	0.0047	0.3652	0.6932	283.0	36.9
5450.	485.5	-25.1	22.2	22.2	-28.3	55.	0.0047	0.3252	0.6875	283.0	37.4
5520.	480.5	-26.1	22.2	22.2	-28.3	54.	0.0047	0.2852	0.6816	283.0	37.9
5590.	475.2	-26.1	22.2	22.2	-29.4	53.	0.0047	0.2452	0.6757	283.0	38.4
5660.	470.3	-26.1	22.2	22.2	-29.4	53.	0.0047	0.2052	0.6710	283.0	38.9
5730.	465.3	-27.4	22.2	22.2	-29.4	52.	0.0047	0.1652	0.6665	283.0	39.4
5800.	460.4	-27.4	22.2	22.2	-30.1	51.	0.0047	0.1252	0.6619	283.0	39.9
5870.	455.4	-27.4	22.2	22.2	-30.1	51.	0.0047	0.0852	0.6571	283.0	40.4
5940.	450.4	-27.4	22.2	22.2	-31.0	50.	0.0047	0.0452	0.6529	283.0	40.9
6010.	445.4	-27.4	22.2	22.2	-31.0	50.	0.0047	0.0052	0.6480	283.0	41.4
6080.	440.4	-27.4	22.2	22.2	-31.0	49.	0.0047	0.0052	0.6436	283.0	41.9
6150.	435.4	-27.4	22.2	22.2	-31.0	49.	0.0047	0.0052	0.6398	283.0	42.4
6220.	430.4	-27.4	22.2	22.2	-31.0	48.	0.0047	0.0052	0.6360	283.0	42.9
6290.	425.4	-27.4	22.2	22.2	-31.0	48.	0.0047	0.0052	0.6317	283.0	43.4
6360.	420.4	-27.4	22.2	22.2	-31.0	47.	0.0047	0.0052	0.6272	283.0	43.9
6430.	415.4	-27.4	22.2	22.2	-31.0	47.	0.0047	0.0052	0.6226	283.0	44.4
6500.	410.4	-27.4	22.2	22.2	-31.0	46.	0.0047	0.0052	0.6181	283.0	44.9
6570.	405.4	-27.4	22.2	22.2	-31.0	46.	0.0047	0.0052	0.6142	283.0	45.4
6640.	400.4	-27.4	22.2	22.2	-31.0	45.	0.0047	0.0052	0.6107	283.0	45.9
6710.	395.4	-27.4	22.2	22.2	-31.0	45.	0.0047	0.0052	0.6067	283.0	46.4
6780.	390.4	-27.4	22.2	22.2	-31.0	44.	0.0047	0.0052	0.6028	283.0	46.9
6850.	385.4	-27.4	22.2	22.2	-31.0	44.	0.0047	0.0052	0.5984	283.0	47.4
6920.	380.4	-27.4	22.2	22.2	-31.0	43.	0.0047	0.0052	0.5944	283.0	47.9
6990.	375.4	-27.4	22.2	22.2	-31.0	43.	0.0047	0.0052	0.5901	283.0	48.4
7060.	370.4	-27.4	22.2	22.2	-31.0	42.	0.0047	0.0052	0.5863	283.0	48.9
7130.	365.4	-27.4	22.2	22.2	-31.0	42.	0.0047	0.0052	0.5815	283.0	49.4
7200.	360.4	-27.4	22.2	22.2	-31.0	41.	0.0047	0.0052	0.5775	283.0	49.9
7270.	355.4	-27.4	22.2	22.2	-31.0	41.	0.0047	0.0052	0.5740	283.0	50.4
7340.	350.4	-27.4	22.2	22.2	-31.0	40.	0.0047	0.0052	0.5707	283.0	50.9
7410.	345.4	-27.4	22.2	22.2	-31.0	40.	0.0047	0.0052	0.5673	283.0	51.4
7480.	340.4	-27.4	22.2	22.2	-31.0	39.	0.0047	0.0052	0.5642	283.0	51.9
7550.	335.4	-27.4	22.2	22.2	-31.0	39.	0.0047	0.0052	0.5607	283.0	52.4
7620.	330.4	-27.4	22.2	22.2	-31.0	38.	0.0047	0.0052	0.5568	283.0	52.9
7690.	325.4	-27.4	22.2	22.2	-31.0	38.	0.0047	0.0052	0.5527	283.0	53.4
7760.	320.4	-27.4	22.2	22.2	-31.0	37.	0.0047	0.0052	0.5486	283.0	53.9
7830.	315.4	-27.4	22.								

HEIGHT (M)	PRFS (M/S)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	F (M/S)	1E+3*RH0 (G/M+3)	RH0 (KG/M+3)	DIA (DEG)	SPEED (M/S)
7680.	354.6	-41.4	38.5	38.5	-43.7	77.	0.0845	0.0798	0.5331	288.0	58.0
7742.	351.4	-41.4	38.7	38.9	-44.1	77.	0.0807	0.0764	0.5292	288.0	58.0
7806.	348.1	-42.1	39.2	39.2	-44.3	77.	0.0780	0.0739	0.5249	288.0	58.0
7870.	344.8	-42.5	39.7	39.5	-44.7	77.	0.0745	0.0706	0.5208	288.0	58.0
7937.	341.4	-43.0	39.9	39.7	-45.2	77.	0.0713	0.0678	0.5168	288.0	58.0
8004.	338.0	-43.5	39.9	39.5	-45.7	77.	0.0683	0.0652	0.5128	288.0	58.0
8070.	334.7	-44.0	40.1	40.1	-46.2	77.	0.0655	0.0629	0.5089	288.0	58.0
8136.	331.4	-44.3	40.6	40.6	-46.5	77.	0.0630	0.0604	0.5045	287.0	58.0
8197.	328.4	-44.6	41.0	41.0	-46.8	77.	0.0604	0.0582	0.5006	287.0	58.0
8260.	325.3	-45.1	41.1	41.2	-47.3	77.	0.0584	0.0567	0.4970	287.0	58.0
8324.	322.2	-45.6	41.1	41.3	-47.8	77.	0.0561	0.0549	0.4933	287.0	58.0
8388.	319.4	-46.1	41.0	41.6	-48.2	77.	0.0544	0.0536	0.4899	286.0	58.0
8446.	316.6	-46.5	41.0	41.5	-48.6	77.	0.0529	0.0524	0.4869	286.0	58.0
8497.	313.9	-46.7	42.1	42.1	-48.9	77.	0.0514	0.0510	0.4842	286.0	58.0
8554.	311.2	-46.9	42.2	42.2	-49.1	77.	0.0500	0.0497	0.4819	286.0	58.0
8612.	308.5	-47.3	42.2	42.2	-49.4	77.	0.0487	0.0485	0.4792	285.0	58.0
8668.	305.9	-47.7	42.2	42.2	-49.7	77.	0.0475	0.0475	0.4755	285.0	58.0
8724.	303.3	-48.1	42.2	42.2	-50.0	77.	0.0464	0.0464	0.4725	285.0	58.0
8785.	300.5	-48.5	42.2	42.2	-50.3	77.	0.0453	0.0453	0.4691	285.0	58.0
8846.	297.7	-48.8	44.4	44.4	-50.6	77.	0.0443	0.0443	0.4654	284.0	58.0
8911.	294.8	-49.2	44.7	44.7	-51.0	77.	0.0434	0.0434	0.4617	284.0	58.0
8973.	292.0	-49.5	45.0	45.0	-51.4	77.	0.0425	0.0425	0.4580	284.0	58.0
9036.	289.2	-49.8	45.2	45.2	-51.9	77.	0.0417	0.0417	0.4544	284.0	58.0
9100.	286.4	-50.2	45.2	45.2	-52.5	77.	0.0410	0.0410	0.4511	284.0	58.0
9159.	283.8	-50.6	45.0	45.8	-52.7	77.	0.0404	0.0404	0.4479	284.0	58.0
9219.	281.2	-51.0	45.0	46.1	-53.1	77.	0.0400	0.0400	0.4443	284.0	58.0
9277.	278.7	-51.3	46.4	46.4	-53.4	77.	0.0396	0.0396	0.4410	284.0	58.0
9333.	276.3	-51.6	46.4	46.4	-53.7	77.	0.0393	0.0393	0.4377	284.0	58.0
9392.	273.8	-51.9	47.2	47.2	-54.0	77.	0.0390	0.0390	0.4345	284.0	58.0
9448.	271.4	-52.2	47.5	47.5	-54.3	77.	0.0387	0.0387	0.4311	284.0	58.0
9505.	269.0	-52.5	47.8	47.8	-54.6	77.	0.0385	0.0385	0.4279	284.0	58.0
9568.	266.4	-52.8	48.4	48.4	-54.9	77.	0.0383	0.0383	0.4246	284.0	58.0
9626.	264.1	-53.1	49.4	49.4	-55.4	77.	0.0381	0.0381	0.4214	284.0	58.0
9683.	261.7	-53.4	49.9	49.9	-55.9	77.	0.0379	0.0379	0.4172	284.0	58.0
9744.	259.3	-53.7	50.3	50.3	-56.2	77.	0.0377	0.0377	0.4139	284.0	58.0
9800.	257.0	-54.0	51.1	51.1	-56.7	77.	0.0375	0.0375	0.4107	284.0	58.0
9860.	254.6	-54.3	51.1	51.1	-57.1	77.	0.0373	0.0373	0.4061	284.0	58.0
9919.	252.3	-54.6	51.1	51.1	-57.4	77.	0.0371	0.0371	0.4018	284.0	58.0
9978.	250.0	-54.9	51.1	51.1	-57.7	77.	0.0369	0.0369	0.3975	284.0	58.0
10035.	247.7	-55.2	51.1	51.1	-58.0	77.	0.0367	0.0367	0.3929	284.0	58.0
10093.	245.4	-55.5	51.1	51.1	-58.3	77.	0.0365	0.0365	0.3885	284.0	58.0
10151.	243.1	-55.8	51.1	51.1	-58.6	77.	0.0363	0.0363	0.3840	284.0	58.0
10209.	240.8	-56.1	51.1	51.1	-58.9	77.	0.0361	0.0361	0.3797	284.0	58.0
10267.	238.5	-56.4	51.1	51.1	-59.2	77.	0.0359	0.0359	0.3754	284.0	58.0
10325.	236.2	-56.7	51.1	51.1	-59.5	77.	0.0357	0.0357	0.3712	284.0	58.0
10383.	233.9	-57.0	51.1	51.1	-59.8	77.	0.0355	0.0355	0.3672	284.0	58.0
10441.	231.6	-57.3	51.1	51.1	-60.1	77.	0.0353	0.0353	0.3631	284.0	58.0
10499.	229.3	-57.6	51.1	51.1	-60.4	77.	0.0351	0.0351	0.3591	284.0	58.0
10557.	227.0	-57.9	51.1	51.1	-60.7	77.	0.0349	0.0349	0.3551	284.0	58.0
10615.	224.7	-58.2	51.1	51.1	-61.0	77.	0.0347	0.0347	0.3511	284.0	58.0
10673.	222.4	-58.5	51.1	51.1	-61.3	77.	0.0345	0.0345	0.3471	284.0	58.0
10731.	220.1	-58.8	51.1	51.1	-61.6	77.	0.0343	0.0343	0.3431	284.0	58.0
10789.	217.8	-59.1	51.1	51.1	-61.9	77.	0.0341	0.0341	0.3391	284.0	58.0
10847.	215.5	-59.4	51.1	51.1	-62.2	77.	0.0339	0.0339	0.3351	284.0	58.0
10905.	213.2	-59.7	51.1	51.1	-62.5	77.	0.0337	0.0337	0.3311	284.0	58.0
10963.	210.9	-60.0	51.1	51.1	-62.8	77.	0.0335	0.0335	0.3271	284.0	58.0
11021.	208.6	-60.3	51.1	51.1	-63.1	77.	0.0333	0.0333	0.3231	284.0	58.0
11079.	206.3	-60.6	51.1	51.1	-63.4	77.	0.0331	0.0331	0.3191	284.0	58.0
11137.	204.0	-60.9	51.1	51.1	-63.7	77.	0.0329	0.0329	0.3151	284.0	58.0
11195.	201.7	-61.2	51.1	51.1	-64.0	77.	0.0327	0.0327	0.3111	284.0	58.0
11253.	199.4	-61.5	51.1	51.1	-64.3	77.	0.0325	0.0325	0.3071	284.0	58.0
11311.	197.1	-61.8	51.1	51.1	-64.6	77.	0.0323	0.0323	0.3031	284.0	58.0
11369.	194.8	-62.1	51.1	51.1	-64.9	77.	0.0321	0.0321	0.3000	284.0	58.0
11427.	192.5	-62.4	51.1	51.1	-65.2	77.	0.0319	0.0319	0.2960	284.0	58.0
11485.	190.2	-62.7	51.1	51.1	-65.5	77.	0.0317	0.0317	0.2920	284.0	58.0
11543.	187.9	-63.0	51.1	51.1	-65.8	77.	0.0315	0.0315	0.2880	284.0	58.0
11601.	185.6	-63.3	51.1	51.1	-66.1	77.	0.0313	0.0313	0.2840	284.0	58.0
11659.	183.3	-63.6	51.1	51.1	-66.4	77.	0.0311	0.0311	0.2800	284.0	58.0
11717.	181.0	-63.9	51.1	51.1	-66.7	77.	0.0309	0.0309	0.2760	284.0	58.0
11775.	178.7	-64.2	51.1	51.1	-67.0	77.	0.0307	0.0307	0.2720	284.0	58.0
11833.	176.4	-64.5	51.1	51.1	-67.3	77.	0.0305	0.0305	0.2680	284.0	58.0
11891.	174.1	-64.8	51.1	51.1	-67.6	77.	0.0303	0.0303	0.2640	284.0	58.0
11949.	171.8	-65.1	51.1	51.1	-67.9	77.	0.0301	0.0301	0.2600	284.0	58.0
12007.	169.5	-65.4	51.1	51.1	-68.2	77.	0.0299	0.0299	0.2560	284.0	58.0
12065.	167.2	-65.7	51.1	51.1	-68.5	77.	0.0297	0.0297	0.2520	284.0	58.0
12123.	164.9	-66.0	51.1	51.1	-68.8	77.	0.0295	0.0295	0.2480	284.0	58.0
12181.	162.6	-66.3	51.1	51.1	-69.1	77.	0.0293	0.0293	0.2440	284.0	58.0
12239.	160.3	-66.6	51.1	51.1	-69.4	77.	0.0291	0.0291	0.2400	284.0	58.0
12297.	158.0	-66.9	51.1	51.1	-69.7	77.	0.0289	0.0289	0.2360	284.0	58.0
12355.	155.7	-67.2	51.1	51.1	-70.0	77.	0.0287	0.0287	0.2320	284.0	58.0
12413.	153.4	-67.5	51.1	51.1	-70.3	77.	0.0285	0.0285	0.2280	284.0	58.0
12471.	151.1	-67.8	51.1	51.1	-70.6	77.	0.0283	0.0283	0.2240	284.0	58.0
12529.	148.8	-68.1	51.1	51.1	-70.9	77.	0.0281	0.0281	0.2200	284.0	58.0
12587.	146.5	-68.4	51.1	51.1	-71.2	77.	0.0279	0.0279	0.2160	284.0	58.0
12645.	144.2	-68.7	51.1	51.1	-71.5	77.	0.0277	0.0277	0.2120	284.0	58.0
12703.	141.9	-69.0	51.1	51.1	-71.8	77.	0.0275	0.0275	0.2080	284.0	58.0
12761.	139.6	-69.3	51.1	51.1	-72.1	77.	0.0273	0.0273	0.2040	284.0	58.0
12819.	137.3	-69.6	51.1	51.1	-72.4	77.	0.0271	0.0271	0.2000	284.0	58.0
12877.	135.0	-69.9	51.1	51.1	-72.7	77.	0.0269	0.0269	0.1960	284.0	58.0
12935.	132.7	-70.2	51.1	51.1	-73.0	77.	0.0267	0.0267	0.1920	284.0	58.0
13000.	130.4	-70.5	51.1	51.1	-73.3	77.	0.0265	0.0265	0.1880	284.0	58.0
13065.	128.1	-70.8	51.1	51.1	-73.6	77.	0.0263	0.0263	0.1840	284.0	58.0
13130.	125.8	-71.1	51.1	51.1	-73.9	77.	0.0261	0.0261	0.1800	284.0	58.0
13195.	123.5	-71.4	51.1	51.1	-74.2	77.	0.0259	0.0259	0.1760	284.0	58.0
13260.	121.2	-71.7	51.1	51.1	-74.5	77.	0.0257	0.0257	0.1720	284.0	58.0
13325.	118.9	-72.0	51.1	51.1	-74.8	77.	0.0255	0.0255	0.1680	284.0	58.0
13390.	116.6	-72.3	51.1	51.1	-75.1	77.	0.0253	0.0253	0.1640	284.0	58.0
13455.	114.3	-72.6	51.1	51.1	-75.4	77.	0.0251	0.0251	0.1600	284.0	58.0
13520.	112.0	-72.9	51.1	51.1	-75.7	77.	0.0249	0.0249	0.1560	284.0	58.0
13585.	109.7	-73.2	51.1	51.1	-76.0	77.	0.0247	0.0247	0.1520	284.0	58.0
13650.	107.4	-73.5	51.1	51.1	-76.3	77.	0.0245	0.0245	0.1480	284.0	58.0
13715.	105.1	-73.8	51.1	51.1	-76.6	77.	0.0243	0.0243	0.1440	284.0	58.0
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HEIGHT (M)	PRESS (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	F (MP)	1E+3*RH0V (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
13677.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03381	0.2198	286.0	31.9
13678.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03364	0.2181	286.0	31.8
13679.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03364	0.03364	0.2164	31.6
13680.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03355	0.03355	0.2146	31.5
13681.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03369	0.03369	0.2128	31.4
13682.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03374	0.03374	0.2111	31.3
13683.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03383	0.03383	0.2092	31.2
13684.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03377	0.03377	0.2074	31.1
13685.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03366	0.03366	0.2056	31.0
13686.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03395	0.03395	0.2038	30.9
13687.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03395	0.03395	0.2021	30.8
13688.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03395	0.03395	0.2006	30.7
13689.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03395	0.03395	0.1990	30.6
13690.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03388	0.03388	0.1975	30.5
13691.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03377	0.03377	0.1958	30.4
13692.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03377	0.03377	0.1942	30.3
13693.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03368	0.03368	0.1925	30.2
13694.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03377	0.03377	0.1908	30.1
13695.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03381	0.03381	0.1892	30.0
13696.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03372	0.03372	0.1876	29.9
13697.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03364	0.03364	0.1863	29.8
13698.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03347	0.03347	0.1850	29.7
13699.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03331	0.03331	0.1838	29.6
13700.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03323	0.03323	0.1825	29.5
13701.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03315	0.03315	0.1812	29.4
13702.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03316	0.03316	0.1793	29.3
13703.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03316	0.03316	0.1778	29.2
13704.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03312	0.03312	0.1763	29.1
13705.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03312	0.03312	0.1749	29.0
13706.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03327	0.03327	0.1733	28.9
13707.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03331	0.03331	0.1717	28.8
13708.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03356	0.03356	0.1695	28.7
13709.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03368	0.03368	0.1678	28.6
13710.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03390	0.03390	0.1660	28.5
13711.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03417	0.03417	0.1642	28.4
13712.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03414	0.03414	0.1627	28.3
13713.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03422	0.03422	0.1614	28.2
13714.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03417	0.03417	0.1601	28.1
13715.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03412	0.03399	0.1587	28.0
13716.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03417	0.03395	0.1574	27.9
13717.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03426	0.03418	0.1559	27.8
13718.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03436	0.03418	0.1541	27.7
13719.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03447	0.03436	0.1523	27.6
13720.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03454	0.03447	0.1506	27.5
13721.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03461	0.03454	0.1487	27.4
13722.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03470	0.03461	0.1477	27.3
13723.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03477	0.03466	0.1466	27.2
13724.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03487	0.03455	0.1455	27.1
13725.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03493	0.03443	0.1444	27.0
13726.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03498	0.03433	0.1433	26.9
13727.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03503	0.03423	0.1424	26.8
13728.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03508	0.03436	0.1410	26.7
13729.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03511	0.03454	0.1395	26.6
13730.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03517	0.03470	0.1383	26.5
13731.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03523	0.03487	0.1372	26.4
13732.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03529	0.03495	0.1361	26.3
13733.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03535	0.03503	0.1346	26.2
13734.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03541	0.03511	0.1336	26.1
13735.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03547	0.03523	0.1325	26.0
13736.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03553	0.03535	0.1314	25.9
13737.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03559	0.03547	0.1303	25.8
13738.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03565	0.03559	0.1292	25.7
13739.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03571	0.03565	0.1282	25.6
13740.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03577	0.03571	0.1272	25.5
13741.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03583	0.03577	0.1260	25.4
13742.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03589	0.03583	0.1250	25.3
13743.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03595	0.03589	0.1240	25.2
13744.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03601	0.03595	0.1231	25.1
13745.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03607	0.03601	0.1221	25.0
13746.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03613	0.03607	0.1210	24.9
13747.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03619	0.03613	0.1200	24.8
13748.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03625	0.03619	0.1190	24.7
13749.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03631	0.03625	0.1184	24.6
13750.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03637	0.03631	0.1173	24.5
13751.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03643	0.03637	0.1162	24.4
13752.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03649	0.03643	0.1150	24.3
13753.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03655	0.03649	0.1139	24.2
13754.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03661	0.03655	0.1131	24.1
13755.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03667	0.03661	0.1122	24.0
13756.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03673	0.03667	0.1112	23.9
13757.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03679	0.03673	0.1103	23.8
13758.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03685	0.03679	0.1092	23.7
13759.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03691	0.03685	0.1082	23.6
13760.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03697	0.03691	0.1073	23.5
13761.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03703	0.03697	0.1064	23.4
13762.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03709	0.03703	0.1055	23.3
13763.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03715	0.03709	0.1045	23.2
13764.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03721	0.03715	0.1035	23.1
13765.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03727	0.03721	0.1025	23.0
13766.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03733	0.03727	0.1015	22.9
13767.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03739	0.03733	0.1006	22.8
13768.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03745	0.03739	0.0996	22.7
13769.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03751	0.03745	0.0986	22.6
13770.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03757	0.03751	0.0977	22.5
13771.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03763	0.03757	0.0967	22.4
13772.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03769	0.03763	0.0958	22.3
13773.0	14.0	-47.7	120.1	120.2	-50.0	77.	0.03393	0.03775	0.03769	0.0948	22.2
13774.0	14.0</										

HEIGHT (M)	PRFS (M)	T (C)	THETA (C)	THETA (C)	DEW POINT (C)	REL HUM (%)	F (M)	10*3-RH0 (G/M*3)	RHO (KG/M*3)	DIR (DEG)	SPEED (M/S)
19925.	55.4	-44.4	244.7	249.5	-44.7	77.	0	0.0564	0.00845	312.0	20.5
19986.	54.9	-44.4	248.4	250.6	-44.8	77.	0	0.0557	0.00837	312.0	20.3
20047.	54.4	-44.4	251.1	252.0	-44.8	77.	0	0.0557	0.00830	311.0	19.9
20108.	53.9	-44.4	253.4	253.5	-44.7	77.	0	0.0564	0.00822	311.0	19.7
20159.	53.5	-44.4	255.8	255.6	-44.6	77.	0	0.0570	0.00815	311.0	19.5
20220.	53.0	-44.4	257.6	257.6	-44.6	77.	0	0.0570	0.00808	311.0	19.3
20281.	52.5	-44.4	259.1	259.3	-44.6	77.	0	0.0570	0.00801	311.0	19.1
20342.	51.6	-44.4	261.1	261.4	-44.7	77.	0	0.0564	0.00792	311.0	18.3
20403.	51.1	-44.4	263.6	263.6	-44.7	77.	0	0.0555	0.00787	311.0	17.9
20464.	50.6	-44.4	266.1	266.1	-44.7	77.	0	0.0545	0.00779	311.0	17.4
20525.	50.1	-44.4	268.9	268.1	-44.7	77.	0	0.0533	0.00773	312.0	17.1
20586.	49.7	-44.4	271.2	271.4	-44.7	77.	0	0.0521	0.00766	311.0	16.7
20647.	49.2	-44.4	273.6	273.2	-44.7	77.	0	0.0509	0.00761	311.0	16.4
20708.	48.8	-44.4	276.1	276.4	-44.7	77.	0	0.0503	0.00753	311.0	16.1
20769.	48.3	-44.4	278.6	278.8	-44.7	77.	0	0.0503	0.00747	311.0	15.9
20830.	47.9	-44.4	281.1	281.3	-44.7	77.	0	0.0503	0.00740	311.0	15.7
20891.	47.4	-44.4	283.6	283.5	-44.7	77.	0	0.0503	0.00733	311.0	15.3
20952.	47.0	-44.4	286.1	286.1	-44.7	77.	0	0.0503	0.00726	311.0	15.1
21013.	46.6	-44.4	288.6	288.7	-44.7	77.	0	0.0503	0.00719	311.0	14.9
21074.	46.1	-44.4	291.1	291.2	-44.7	77.	0	0.0503	0.00713	311.0	14.7
21135.	45.7	-44.4	293.6	293.5	-44.7	77.	0	0.0503	0.00707	311.0	14.5
21196.	45.3	-44.4	296.1	296.1	-44.7	77.	0	0.0503	0.00701	311.0	14.4
21257.	44.9	-44.4	298.6	298.6	-44.7	77.	0	0.0503	0.00694	311.0	14.2
21318.	44.5	-44.4	301.1	301.1	-44.7	77.	0	0.0503	0.00688	311.0	14.0
21379.	44.1	-44.4	303.6	303.6	-44.7	77.	0	0.0503	0.00682	311.0	13.8
21440.	43.7	-44.4	306.1	306.1	-44.7	77.	0	0.0503	0.00676	311.0	13.6
21501.	43.3	-44.4	308.6	308.6	-44.7	77.	0	0.0503	0.00670	311.0	13.4
21562.	42.9	-44.4	311.1	311.1	-44.7	77.	0	0.0503	0.00664	311.0	13.2
21623.	42.5	-44.4	313.6	313.6	-44.7	77.	0	0.0503	0.00658	311.0	13.0
21684.	42.1	-44.4	316.1	316.1	-44.7	77.	0	0.0503	0.00652	311.0	12.8
21745.	41.7	-44.4	318.6	318.6	-44.7	77.	0	0.0503	0.00646	311.0	12.6
21806.	41.3	-44.4	321.1	321.1	-44.7	77.	0	0.0503	0.00640	311.0	12.4
21867.	40.9	-44.4	323.6	323.6	-44.7	77.	0	0.0503	0.00634	311.0	12.2
21928.	40.5	-44.4	326.1	326.1	-44.7	77.	0	0.0503	0.00628	311.0	12.0
22000.	40.1	-44.4	328.6	328.6	-44.7	77.	0	0.0503	0.00622	311.0	11.8
22061.	39.7	-44.4	331.1	331.1	-44.7	77.	0	0.0503	0.00616	311.0	11.6
22122.	39.3	-44.4	333.6	333.6	-44.7	77.	0	0.0503	0.00610	311.0	11.4
22183.	38.9	-44.4	336.1	336.1	-44.7	77.	0	0.0503	0.00604	311.0	11.2
22244.	38.5	-44.4	338.6	338.6	-44.7	77.	0	0.0503	0.00598	311.0	11.0
22305.	38.1	-44.4	341.1	341.1	-44.7	77.	0	0.0503	0.00592	311.0	10.8
22366.	37.7	-44.4	343.6	343.6	-44.7	77.	0	0.0503	0.00586	311.0	10.6
22427.	37.3	-44.4	346.1	346.1	-44.7	77.	0	0.0503	0.00580	311.0	10.4
22488.	36.9	-44.4	348.6	348.6	-44.7	77.	0	0.0503	0.00574	311.0	10.2
22549.	36.5	-44.4	351.1	351.1	-44.7	77.	0	0.0503	0.00568	311.0	10.0
22610.	36.1	-44.4	353.6	353.6	-44.7	77.	0	0.0503	0.00562	311.0	9.8
22671.	35.7	-44.4	356.1	356.1	-44.7	77.	0	0.0503	0.00556	311.0	9.6
22732.	35.3	-44.4	358.6	358.6	-44.7	77.	0	0.0503	0.00550	311.0	9.4
22793.	34.9	-44.4	361.1	361.1	-44.7	77.	0	0.0503	0.00544	311.0	9.2
22854.	34.5	-44.4	363.6	363.6	-44.7	77.	0	0.0503	0.00538	311.0	9.0
22915.	34.1	-44.4	366.1	366.1	-44.7	77.	0	0.0503	0.00532	311.0	8.8
22976.	33.7	-44.4	368.6	368.6	-44.7	77.	0	0.0503	0.00526	311.0	8.6
23037.	33.3	-44.4	371.1	371.1	-44.7	77.	0	0.0503	0.00520	311.0	8.4
23098.	32.9	-44.4	373.6	373.6	-44.7	77.	0	0.0503	0.00514	311.0	8.2
23159.	32.5	-44.4	376.1	376.1	-44.7	77.	0	0.0503	0.00508	311.0	8.0
23220.	32.1	-44.4	378.6	378.6	-44.7	77.	0	0.0503	0.00502	311.0	7.8
23281.	31.7	-44.4	381.1	381.1	-44.7	77.	0	0.0503	0.00496	311.0	7.6
23342.	31.3	-44.4	383.6	383.6	-44.7	77.	0	0.0503	0.00490	311.0	7.4
23403.	30.9	-44.4	386.1	386.1	-44.7	77.	0	0.0503	0.00484	311.0	7.2
23464.	30.5	-44.4	388.6	388.6	-44.7	77.	0	0.0503	0.00478	311.0	7.0
23525.	30.1	-44.4	391.1	391.1	-44.7	77.	0	0.0503	0.00472	311.0	6.8
23586.	29.7	-44.4	393.6	393.6	-44.7	77.	0	0.0503	0.00466	311.0	6.6
23647.	29.3	-44.4	396.1	396.1	-44.7	77.	0	0.0503	0.00460	311.0	6.4
23708.	28.9	-44.4	398.6	398.6	-44.7	77.	0	0.0503	0.00454	311.0	6.2
23769.	28.5	-44.4	401.1	401.1	-44.7	77.	0	0.0503	0.00448	311.0	6.0
23830.	28.1	-44.4	403.6	403.6	-44.7	77.	0	0.0503	0.00442	311.0	5.8
23891.	27.7	-44.4	406.1	406.1	-44.7	77.	0	0.0503	0.00436	311.0	5.6
23952.	27.3	-44.4	408.6	408.6	-44.7	77.	0	0.0503	0.00430	311.0	5.4
24013.	26.9	-44.4	411.1	411.1	-44.7	77.	0	0.0503	0.00424	311.0	5.2
24074.	26.5	-44.4	413.6	413.6	-44.7	77.	0	0.0503	0.00418	311.0	5.0
24135.	26.1	-44.4	416.1	416.1	-44.7	77.	0	0.0503	0.00412	311.0	4.8
24196.	25.7	-44.4	418.6	418.6	-44.7	77.	0	0.0503	0.00406	311.0	4.6
24257.	25.3	-44.4	421.1	421.1	-44.7	77.	0	0.0503	0.00400	311.0	4.4
24318.	24.9	-44.4	423.6	423.6	-44.7	77.	0	0.0503	0.00394	311.0	4.2
24379.	24.5	-44.4	426.1	426.1	-44.7	77.	0	0.0503	0.00388	311.0	4.0
24440.	24.1	-44.4	428.6	428.6	-44.7	77.	0	0.0503	0.00382	311.0	3.8
24501.	23.7	-44.4	431.1	431.1	-44.7	77.	0	0.0503	0.00376	311.0	3.6
24562.	23.3	-44.4	433.6	433.6	-44.7	77.	0	0.0503	0.00370	311.0	3.4
24623.	22.9	-44.4	436.1	436.1	-44.7	77.	0	0.0503	0.00364	311.0	3.2
24684.	22.5	-44.4	438.6	438.6	-44.7	77.	0	0.0503	0.00358	311.0	3.0
24745.	22.1	-44.4	441.1	441.1	-44.7	77.	0	0.0503	0.00352	311.0	2.8
24806.	21.7	-44.4	443.6	443.6	-44.7	77.	0	0.0503	0.00346	311.0	2.6
24867.	21.3	-44.4	446.1	446.1	-44.7	77.	0	0.0503	0.00340	311.0	2.4
24928.	20.9	-44.4	448.6	448.6	-44.7	77.	0	0.0503	0.00334	311.0	2.2
24989.	20.5	-44.4	451.1	451.1	-44.7	77.	0	0.0503	0.00328	311.0	2.0
25050.	20.1	-44.4	453.6	453.6	-44.7	77.	0	0.0503	0.00322	311.0	1.8
25111.	19.7	-44.4	456.1	456.1	-44.7	77.	0	0.0503	0.00316	311.0	1.6
25172.	19.3	-44.4	458.6	458.6	-44.7	77.	0	0.0503	0.00310	311.0	1.4
25233.	18.9	-44.4	461.1	461.1	-44.7	77.	0	0.0503	0.00304	311.0	1.2
25294.	18.5	-44.4	463.6	463.6	-44.7	77.	0	0.0503	0.00298	311.0	1.0
25355.	18.1	-44.4	466.1	466.1	-44.7	77.	0	0.0503	0.00292	311.0	0.8
25416.	17.7	-44.4	468.6	468.6	-44.7	77.	0	0.0503	0.00286	311.0	0.6
25477.	17.3	-44.4	471.1	471.1	-44.7	77.	0	0.0503	0.00280	311.0	0.4
25538.	16.9	-44.4	473.6	473.6	-44.7	77.	0	0.0503	0.00274	311.0	0.2
25599.	16.5	-44.4	476.1	476.1	-44.7	77.	0	0.0503	0.00268	311.0	0.0
25660.	16.1	-44.4	478.6	478.6	-44.7	77.	0	0.0503	0.00262	311.0	0.0
25721.	15.7	-44.4	481.1	481.1	-44.7	77.	0	0.0503	0.00256	311.0	0.0
25782.	15.3	-44.4	483.6	483.6	-44.7	77.	0	0.0503	0.00250	311.0	0.0
25843.	14.9	-44.4	486.1	486.1	-44.7	77.	0	0.0503	0.00244	311.0	0.0
25904.	14.5	-44.4	488.6	488.6	-44.7	77.	0	0.0503	0.00238	311.0	0.0
25965.	14.1	-44.4	491.1	491.1	-44.7	77.	0	0.0503	0.00232	311.0	0.0
26026.	13.7	-44.4	493.6	493.6	-44.7	77.	0	0.0503	0.00226	311.0	0.0
26087.	13.3	-44.4	496.1	496.1	-44.7	77.	0	0.0503	0.00220	311.0	0.0
26148.	12.9	-44.4	498.6	498.6	-44.7	77.	0	0.0503	0.00214	311.0	0.0
26209.	12.5	-44.4	501.1	501.1	-44.7	77.	0	0.0503	0.00208	311.0	0.0
26270.	12.1	-44.4	503.6	503.6	-44.7	77.	0	0.0503	0.00202	311.0</	

Table C1. Summary of Airsonde soundings.

SOUNDING	DATE	TIME (GMT)	LATITUDE	LONGITUDE	LEVELS
1	10-18-81	1418	-53.8	-8.8	114
2	10-20-81	1139	-56.2	3.5	60
3	10-20-81	1304	-56.4	3.7	151
4	10-20-81	1444	-56.6	4.1	68
5	10-20-81	1644	-56.8	4.6	112
6	10-20-81	1756	-56.9	4.9	139
8	10-20-81	2110	-57.2	5.0	139
9	10-27-81	1150	-61.3	2.9	19
10	10-29-81	2243	-62.0	2.4	38
11	11-2-81	600	-62.2	2.8	151
12	11-2-81	853	-62.2	2.9	93
13	11-2-81	1630	-62.3	2.9	73
14	11-2-81	1805	-62.3	3.0	30
15	11-2-81	2054	-62.3	3.0	18
16	11-2-81	2118	-62.3	3.0	60
17	11-3-81	316	-62.3	3.1	51
18	11-3-82	604	-62.3	3.2	157
19	11-3-81	857	-62.3	3.2	138
20	11-3-81	1454	-62.3	2.9	21
21	11-5-81	559	-62.2	1.1	32
22	11-5-81	858	-62.2	1.2	195
23	11-5-81	1455	-62.2	1.2	136
24	11-5-81	1755	-62.1	1.2	123
25	11-5-81	2057	-62.1	1.2	199
26	11-11-81	639	-60.1	0.3	30
27	11-11-81	849	-60.1	0.2	60
28	11-11-81	1454	-60.1	0.3	36
29	11-11-81	1755	-60.0	0.2	14
30	11-11-81	2056	-60.0	0.3	198
31	11-12-81	317	-60.1	0.4	20
32	11-12-81	618	-60.0	0.4	72
33	11-12-81	911	-59.8	0.4	70
34	11-12-81	1446	-59.5	0.6	181
35	11-12-81	1752	-59.5	0.6	32
36	11-12-81	2054	-59.2	0.6	79
37	11-13-81	333	-59.2	0.8	36
38	11-13-81	604	-58.8	0.7	93
39	11-13-81	857	-58.5	0.7	74
40	11-13-81	1517	-58.4	1.1	205
41	11-13-81	1807	-58.5	1.1	21
42	11-13-81	2057	-58.4	1.2	45
43	11-14-81	342	-57.4	0.6	67
44	11-14-81	559	-56.5	0.2	68
45	11-14-81	847	-56.5	-0.1	4
46	11-16-81	1136	-52.9	-8.6	52

Table C2. Data collected during each sounding.

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SOUNDING 1.0
LATITUDE -53.8 LONGITUDE -8.9
DATE 10-18-81 TIME 1418 GMT
NUMBER OF LEVELS 114
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HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MM)	1E+3*RH0 (G/M**3)	RH0 (KG/M**3)
93.5	1000.1	-0.6	-0.6	-0.6	-0.7	99.9	6.79340	4.5079	1.2829
93.5	999.5	-0.6	-0.6	-0.6	-0.7	99.9	6.79339	4.5079	1.2731
93.5	999.5	-0.6	-0.6	-0.6	-0.7	99.9	6.79339	4.5079	1.2684
104.7	987.2	-0.6	1.2	1.2	-0.5	99.9	6.98845	4.7557	1.2629
131.1	963.9	-0.6	1.4	1.4	-0.3	99.9	6.03381	4.7933	1.2591
157.7	983.7	-0.6	1.6	1.6	-0.2	99.9	6.03380	4.7932	1.2551
183.3	977.5	-0.6	1.9	1.9	-0.2	99.9	6.03379	4.7932	1.2510
208.8	974.4	-0.6	2.1	2.1	-0.2	99.9	6.03378	4.7931	1.2470
234.4	971.3	-0.6	2.4	2.4	-0.2	99.9	6.03379	4.7931	1.2431
261.1	968.3	-0.6	2.6	2.6	-0.1	99.9	6.03377	4.8309	1.2385
287.7	964.9	-0.6	2.9	2.9	-0.1	99.9	6.03376	4.8308	1.2350
313.3	961.7	-0.6	3.2	3.2	-0.1	99.9	6.03375	4.7929	1.2308
338.8	958.7	-0.6	3.5	3.5	-0.2	99.9	6.03375	4.7928	1.2275
364.4	955.6	-0.6	3.7	3.7	-0.3	99.9	5.99878	4.7551	1.2239
390.0	952.2	-0.6	3.9	3.9	-0.4	99.9	5.99884	4.7176	1.2204
417.7	949.3	-0.6	4.2	4.2	-0.5	99.9	5.99895	4.6805	1.2171
445.3	946.6	-0.6	4.5	4.5	-0.6	99.9	5.99899	4.6436	1.2133
474.0	942.6	-0.6	4.8	4.8	-0.6	99.9	5.99899	4.6435	1.2094
506.6	932.8	-0.6	4.4	4.4	-0.6	99.9	5.99899	4.6434	1.2046
542.2	934.6	-0.6	5.1	5.1	-0.6	99.9	5.99899	4.7173	1.1975
574.9	930.9	-0.6	5.8	5.8	-0.3	99.9	5.99871	4.7546	1.1911
600.0	927.8	-0.6	6.1	6.1	-0.3	99.9	5.99871	4.7545	1.1872
628.8	924.6	-0.6	6.5	6.5	-0.3	99.9	5.99870	4.7545	1.1826
658.8	921.1	-0.6	6.8	6.8	-0.3	99.9	5.99870	4.7921	1.1782
688.8	917.7	-0.6	7.1	7.1	-0.3	99.9	5.99870	4.7920	1.1739
722.2	913.8	-0.6	7.2	7.2	-0.2	99.9	5.99870	4.7919	1.1698
753.3	910.3	-0.6	7.2	7.2	-0.2	99.9	5.99870	4.7542	1.1665
783.3	906.9	-0.6	7.4	7.4	-0.3	99.9	5.99870	4.6796	1.1630
814.4	903.4	-0.6	7.5	7.5	-0.6	99.9	5.99870	4.6427	1.1589
842.2	900.2	-0.6	7.8	7.8	-0.6	99.9	5.99870	4.6795	1.1548
871.1	896.9	-0.6	8.0	8.0	-0.7	99.9	5.99870	4.6723	1.1510
895.8	893.9	-0.6	8.2	8.2	-0.6	99.9	5.99870	4.6347	1.1476
920.0	890.6	-0.6	8.5	8.5	-0.6	99.9	5.99870	4.5607	1.1441
955.5	887.5	-0.6	8.8	8.8	-0.9	99.9	5.99870	4.5601	1.1402
985.5	884.2	-1.2	8.5	8.5	-0.9	99.9	5.99870	4.4160	1.1375
1012.2	881.2	-1.5	8.5	8.5	-0.9	99.9	5.99870	4.4142	1.1344
1043.3	877.8	-1.7	8.6	8.6	-0.9	99.9	5.99870	4.3237	1.1308
1068.8	875.0	-1.6	8.6	8.6	-0.9	99.9	5.99870	4.3675	1.1268
1098.8	871.7	-1.8	9.1	9.1	-0.9	99.9	5.99870	4.2776	1.1233
1127.7	868.6	-1.9	9.2	9.2	-0.9	99.9	5.99870	4.2331	1.1197
1154.9	865.6	-2.1	9.9	9.9	-0.9	99.9	5.99870	4.1456	1.1166
1181.1	862.7	-2.2	9.9	9.9	-0.9	99.9	5.99870	4.1448	1.1129
1208.8	859.8	-2.2	9.9	9.9	-0.9	99.9	5.99870	4.1011	1.1095
1234.4	856.9	-2.4	9.9	9.9	-0.9	99.9	5.99870	4.0156	1.1066
1264.4	853.7	-2.7	9.9	9.9	-0.9	99.9	4.8901	3.9404	1.1036
1293.3	850.6	-3.0	9.9	9.9	-0.9	99.9	4.7674	3.8454	1.1007
1325.5	847.2	-3.3	9.7	9.7	-0.9	99.9	4.6984	3.7220	1.0978
1348.8	844.7	-3.5	9.8	9.8	-0.9	99.9	4.5690	3.6915	1.0950
1377.7	841.6	-3.7	10.1	10.1	-0.9	99.9	4.5683	3.6909	1.0910
1407.7	838.4	-3.7	10.2	10.2	-0.9	99.9	4.4929	3.6308	1.0876
1433.3	835.6	-3.8	10.6	11.2	-0.9	99.9	4.5284	3.6600	1.0836
1463.3	832.5	-3.8	10.7	11.3	-0.9	99.9	4.4516	3.6004	1.0803
1491.1	829.5	-4.0	10.8	11.3	-0.9	99.9	4.3760	3.5416	1.0772
1519.9	826.6	-4.0	11.0	11.6	-0.9	99.9	4.3753	3.5411	1.0734
1544.4	824.0	-4.3	11.0	11.6	-0.9	99.9	4.2647	3.4550	1.0711
1574.4	820.4	-4.3	11.3	11.9	-0.9	99.9	4.2638	3.4544	1.0665
1604.4	817.7	-4.5	11.4	11.9	-0.9	99.9	4.1912	3.3979	1.0637
1633.3	814.7	-4.7	11.5	12.0	-0.9	99.9	4.1197	3.3421	1.0606
1661.1	811.8	-5.1	11.3	11.9	-0.9	99.9	3.9827	3.2337	1.0583
1690.0	808.8	-5.3	11.4	12.0	-0.9	99.9	3.9125	3.1804	1.0551
1716.6	806.1	-5.2	11.8	12.3	-0.9	99.9	3.9455	3.2063	1.0512
1748.8	802.8	-5.2	12.1	12.7	-0.9	99.9	3.9448	3.2058	1.0469
1777.7	799.9	-5.3	12.3	12.9	-0.9	99.9	3.9105	3.1790	1.0435
1807.7	796.8	-5.4	12.5	13.1	-0.9	99.9	3.8765	3.1524	1.0398
1834.4	794.1	-5.5	12.7	13.2	-0.9	99.9	3.8428	3.1261	1.0367
1869.9	790.6	-5.6	13.0	13.5	-0.9	99.9	3.8092	3.0999	1.0325
1900.0	787.4	-5.7	13.2	13.7	-0.9	99.9	3.7759	3.0739	1.0287
1934.4	784.0	-5.9	13.3	13.8	-0.9	99.9	3.7108	3.0230	1.0250
1967.7	780.7	-6.0	13.6	14.1	-0.9	99.9	3.6783	2.9975	1.0210
1994.4	778.0	-6.0	13.9	14.4	-0.9	99.9	3.6776	2.9971	1.0175
2033.3	774.2	-6.2	14.0	14.6	-0.9	99.9	3.6141	2.9473	1.0132
2059.9	771.6	-6.3	14.2	14.7	-0.9	99.9	3.5825	2.9226	1.0102
2087.7	768.6	-6.3	14.5	15.0	-0.9	99.9	3.5820	2.9221	1.0066
2120.0	765.6	-6.5	14.6	15.1	-0.9	99.9	3.5199	2.8735	1.0031
2152.2	762.5	-6.7	14.8	15.3	-0.9	99.9	3.4589	2.8257	0.9997
2184.4	759.3	-6.4	15.4	15.9	-0.9	99.9	3.5492	2.8965	0.9945
2209.9	756.9	-6.6	15.5	16.0	-0.9	99.9	3.4879	2.8484	0.9921
2243.3	753.6	-7.1	15.3	15.8	-0.9	99.9	3.3393	2.7317	0.9895
2276.6	750.4	-7.3	15.4	15.9	-0.9	99.9	3.2811	2.6860	0.9860
2310.0	747.2	-7.3	15.8	16.3	-0.9	99.9	3.2805	2.6855	0.9818

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3+RHOW (G/M+*3)	RHO (KG/M+*3)
2338.	744.5	-7.6	15.7	16.2	99.9	99.	3.1954	2.6186	0.9793
2365.	741.9	-7.6	16.0	16.5	99.9	99.	3.1949	2.6182	0.9750
2387.	739.8	-7.6	16.3	16.7	99.9	99.	3.1945	2.6179	0.9731
2409.	737.7	-7.8	16.3	16.8	99.9	99.	3.1388	2.5741	0.9711
2442.	734.6	-7.7	16.7	17.2	99.9	99.	3.1658	2.5953	0.9666
2470.	731.9	-7.6	16.9	17.4	99.9	99.	3.1377	2.5732	0.9634
2503.	728.8	-7.7	17.4	17.9	-7.8	99.	3.1646	2.5842	0.9590
2533.	726.0	-7.5	17.9	18.4	-7.8	97.	3.1646	2.5842	0.9546
2569.	722.7	-7.7	18.1	18.6	-7.7	100.	3.1923	2.6058	0.9510
2599.	719.9	-7.5	18.6	19.1	-7.7	98.	3.1923	2.6058	0.9466
2635.	716.6	-7.6	18.9	19.4	-7.6	100.	3.2202	2.6276	0.9427
2663.	714.0	-7.4	19.4	19.9	-7.5	99.	3.2483	2.6495	0.9386
2692.	711.3	-7.4	19.8	20.3	-7.6	98.	3.2201	2.6275	0.9350
2725.	708.3	-7.7	19.8	20.3	-7.9	98.	3.1368	2.5625	0.9321
2765.	704.7	-8.0	19.9	20.4	-8.1	99.	3.0824	2.5199	0.9284
2793.	702.1	-8.4	19.7	20.2	-8.4	100.	3.0824	2.4573	0.9263
2827.	699.1	-8.6	19.9	20.3	-8.6	100.	2.9502	2.4163	0.9230
2857.	696.4	-8.4	20.4	20.9	-8.7	97.	2.9243	2.3961	0.9187
2886.	693.8	-8.6	20.5	21.0	-8.8	98.	2.8987	2.3760	0.9160
2921.	690.6	-9.1	20.3	20.8	-9.1	100.	2.8231	2.3166	0.9134
2944.	688.6	-9.1	20.6	21.0	-9.1	100.	2.8230	2.3166	0.9108
2976.	685.7	-9.2	20.8	21.3	-9.3	99.	2.7736	2.2778	0.9073
3000.	683.6	-9.4	20.9	21.3	-9.6	98.	2.7010	2.2207	0.9051
3044.	679.7	-9.4	21.4	21.8	-9.7	97.	2.6772	2.2019	0.8999
3083.	676.3	-9.7	21.4	21.9	-9.8	99.	2.6535	2.1833	0.8965
3108.	674.1	-9.7	21.7	22.1	-9.9	98.	2.6301	2.1648	0.8935
3149.	670.5	-9.7	22.2	22.6	-10.1	97.	2.5837	2.1283	0.8887
3162.	669.4	-9.8	22.2	22.6	-10.3	96.	2.5382	2.0924	0.8876
3203.	665.9	-9.7	22.7	23.2	-10.5	93.	2.4634	2.0570	0.8826
3242.	662.5	-10.0	22.8	23.3	-10.5	96.	2.4933	2.0569	0.8791
3197.	666.4	-10.3	22.8	22.4	-10.3	100.	2.5382	2.0923	0.8853
3375.	651.1	-10.5	23.7	24.2	-11.0	96.	2.3843	1.9708	0.8655
3438.	645.8	-11.0	23.9	24.3	-11.3	97.	2.3211	1.9207	0.8601
3537.	637.5	-11.2	24.7	25.1	-12.6	88.	2.0645	1.7169	0.8495

SOUNDING 2.0
 LATITUDE -56.2 LONGITUDE 3.5
 DATE 10-20-81 TIME 1139 GMT
 NUMBER OF LEVELS 60

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3+RHOW (G/M+*3)	RHO (KG/M+*3)
0.	976.9	-0.5	1.3	2.0	-0.5	100.	5.8901	4.6810	1.2528
27.	973.6	-1.1	1.0	1.6	-1.1	100.	5.6044	4.4637	1.2512
109.	963.6	-1.6	1.3	1.9	-1.6	100.	5.3758	4.2896	1.2405
185.	954.4	-2.1	1.5	2.1	-2.1	100.	5.1558	4.1216	1.2307
257.	945.8	-2.5	1.8	2.4	-2.5	100.	4.9857	3.9915	1.2214
317.	938.7	-2.8	2.1	2.7	-2.8	100.	4.8614	3.8963	1.2135
382.	931.0	-3.1	2.5	3.0	-3.1	100.	4.7499	3.8033	1.2048
444.	923.8	-3.4	2.8	3.3	-3.4	100.	4.6214	3.7122	1.1967
498.	917.4	-3.5	3.2	3.7	-3.5	100.	4.5824	3.6822	1.1889
556.	910.7	-3.5	3.8	4.3	-3.5	100.	4.5823	3.6821	1.1802
594.	906.4	-2.5	4.6	5.3	-3.1	98.	4.7396	3.8029	1.1722
654.	899.5	-1.6	6.7	7.3	-2.4	94.	5.0267	4.0228	1.1580
706.	893.7	-1.1	7.6	8.4	-1.6	96.	5.3742	4.2883	1.1487
761.	887.6	-1.0	8.4	9.1	-1.2	98.	5.5540	4.4268	1.1405
804.	882.8	-0.8	9.1	9.8	-1.0	98.	5.6490	4.4976	1.1337
856.	877.1	-0.4	10.0	10.7	-0.7	98.	5.7911	4.6057	1.1248
905.	871.7	-0.3	10.6	11.3	-0.5	98.	5.8876	4.6790	1.1176
955.	866.3	0.1	11.5	12.3	-0.2	98.	6.0351	4.7910	1.1092
1003.	861.1	0.4	12.3	13.1	0.2	99.	6.2243	4.9339	1.1015
1053.	855.7	0.7	13.2	14.0	0.4	98.	6.3150	5.0021	1.0935
1105.	850.2	0.7	13.7	14.5	0.6	99.	6.4069	5.0712	1.0866
1201.	840.1	0.4	14.4	15.1	99.9	96.	6.0424	4.8209	1.0747
1437.	815.7	-0.3	16.0	16.7	-2.0	87.	5.1361	4.1523	1.0456
1497.	809.6	-0.4	16.6	17.3	99.9	90.	5.3409	4.2712	1.0383
1589.	800.3	-2.1	15.7	16.4	99.9	95.	4.8477	3.9313	1.0325
1646.	794.6	-2.1	15.3	17.0	99.9	98.	5.0428	4.0570	1.0253
1686.	790.6	-2.5	16.3	17.0	-2.5	100.	4.9824	3.9889	1.0216
1751.	784.1	-3.2	16.2	16.9	-3.2	100.	4.6874	3.7704	1.0156
2175.	743.1	-4.7	19.1	19.7	-4.8	99.	4.1003	3.3108	0.9676
2357.	726.1	-5.0	20.7	21.3	-5.1	99.	3.9963	3.2304	0.9665
2604.	703.5	-7.4	20.7	21.2	-6.0	95.	3.1045	2.5411	0.9247
2637.	700.5	-7.7	20.7	21.2	99.9	95.	3.0289	2.4832	0.9218
2930.	674.5	-9.8	21.5	22.1	99.9	95.	2.5159	2.0778	0.8943
2979.	670.2	-10.3	21.5	21.9	99.9	95.	2.4062	1.9907	0.8902
3021.	666.6	-10.7	21.5	21.5	99.9	95.	2.3217	1.9235	0.8867
3066.	662.5	-10.8	21.9	22.3	99.9	95.	2.3607	1.9068	0.8816
3110.	658.9	-11.4	21.7	22.1	99.9	95.	2.1801	1.8107	0.8787
3164.	654.3	-11.7	22.0	22.3	99.9	95.	2.1217	1.7641	0.8736
3210.	650.3	-12.4	21.7	22.0	99.9	95.	1.9517	1.6601	0.8705

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
3266.	645.6	-12.5	22.2	22.5	99.9	95.	1.9734	1.6455	0.8645
3348.	638.7	-12.5	23.1	23.5	99.9	95.	1.9729	1.6451	0.8553
3408.	633.7	-12.9	23.3	23.7	99.9	95.	1.9023	1.5886	0.8498
3445.	630.6	-13.2	23.4	23.7	99.9	95.	1.8509	1.5473	0.8466
3488.	627.0	-13.6	23.4	23.7	99.9	95.	1.7844	1.4939	0.8430
3537.	623.0	-14.1	23.4	23.7	99.9	95.	1.7044	1.4295	0.8392
3593.	618.4	-14.6	23.4	23.7	99.9	95.	1.6276	1.3676	0.8346
3625.	615.6	-14.6	23.8	24.1	99.9	95.	1.6275	1.3675	0.8311
3671.	612.1	-15.2	23.6	23.9	99.9	95.	1.5397	1.2966	0.8279
3861.	596.8	-16.0	24.8	25.1	-16.6	95.	1.4288	1.2067	0.8097
4054.	581.7	-17.3	25.5	25.8	99.9	90.	1.1999	1.0183	0.7930
4103.	577.9	-17.6	25.7	26.0	-18.9	88.	1.1532	0.9802	0.7888
4151.	574.2	-18.3	25.5	25.7	-19.7	88.	1.0657	0.9111	0.7858
4194.	570.9	-18.6	25.6	25.8	-19.9	88.	1.0454	0.8945	0.7822
4237.	567.6	-19.1	25.5	25.7	-20.3	89.	1.0060	0.8621	0.7792
4287.	563.8	-19.7	25.4	25.6	-20.8	90.	0.9587	0.8232	0.7758
4323.	561.0	-19.7	25.8	26.0	-21.2	87.	0.9223	0.7932	0.7719
4362.	558.1	-20.9	24.8	25.0	-21.3	96.	0.9134	0.7858	0.7715
4415.	554.1	-20.9	25.4	25.6	-21.8	92.	0.8701	0.7501	0.7660
4603.	539.7	-22.7	25.5	25.7	99.9	92.	0.7332	0.4241	0.7511
4759.	528.7	-23.9	25.9	26.0	99.9	92.	0.6488	0.3768	0.7393

SOUNDING 3.0
 LATITUDE -56.4 LONGITUDE 3.7
 DATE 10-20-81 TIME 1304 GMT
 NUMBER OF LEVELS 151

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	972.7	-1.5	0.9	1.4	-1.5	98.	5.4210	4.3240	1.2508
265.	940.8	-2.8	2.0	2.5	99.9	100.	4.8524	3.9093	1.2162
299.	936.8	-3.0	2.1	2.6	-3.0	100.	4.7803	3.8341	1.2118
333.	932.7	-3.1	2.3	2.9	-3.1	100.	4.7401	3.8033	1.2070
369.	928.5	-3.3	2.5	3.0	-3.3	100.	4.6607	3.7424	1.2024
400.	924.8	-3.3	2.8	3.3	-3.4	99.	4.6214	3.7122	1.1976
440.	920.2	-3.4	3.1	3.6	-3.4	100.	4.6214	3.7122	1.1921
476.	916.0	-3.5	3.3	3.9	-3.5	100.	4.5824	3.6822	1.1871
511.	912.0	-3.5	3.7	4.2	-3.6	99.	4.5437	3.6525	1.1819
542.	908.4	-3.3	4.2	4.7	-3.6	97.	4.5437	3.6525	1.1763
573.	904.8	-3.2	4.6	5.2	-3.4	98.	4.6211	3.7119	1.1713
606.	901.1	-3.0	5.2	5.7	-3.3	98.	4.6602	3.7420	1.1657
633.	898.0	-2.7	5.7	6.2	-3.1	97.	4.7394	3.8027	1.1605
659.	895.1	-2.4	6.3	6.9	-2.9	96.	4.8198	3.8644	1.1555
691.	891.4	-2.2	6.8	7.4	-2.7	96.	4.9015	3.9270	1.1500
720.	888.2	-1.8	7.5	8.1	-2.4	95.	5.0265	4.0226	1.1443
752.	884.6	-1.5	8.2	8.8	-2.0	96.	5.1976	4.1534	1.1386
786.	880.9	-1.5	8.5	9.2	-1.9	97.	5.2411	4.1867	1.1338
817.	877.4	-1.3	9.0	9.7	-1.7	97.	5.3293	4.2540	1.1286
851.	873.7	-1.1	9.6	10.3	-1.5	97.	5.4186	4.3222	1.1231
882.	870.3	-1.2	9.8	10.5	-1.5	98.	5.4187	4.3222	1.1192
912.	867.0	-0.9	10.4	11.1	-1.3	97.	5.5096	4.3914	1.1138
948.	863.1	-0.6	11.1	11.8	-1.1	96.	5.6018	4.4617	1.1076
976.	860.1	-0.4	11.6	12.3	-0.9	96.	5.6955	4.5330	1.1031
1009.	856.6	-0.2	12.1	12.9	-0.7	96.	5.7926	4.6053	1.0979
1042.	853.0	-0.2	12.5	13.2	-0.6	97.	5.8836	4.6418	1.0933
1073.	849.7	0.2	13.2	14.0	-0.4	95.	5.9359	4.7156	1.0876
1108.	846.1	0.3	13.7	14.4	-0.2	96.	6.0346	4.7906	1.0827
1136.	843.1	0.3	14.0	14.7	-0.1	97.	6.0845	4.8284	1.0789
1169.	839.6	0.3	14.3	15.1	0.1	98.	6.1788	4.8996	1.0745
1203.	836.1	0.2	14.5	15.3	0.1	99.	6.1788	4.8996	1.0704
1234.	832.9	0.1	14.7	15.6	0.0	99.	6.1340	4.8659	1.0667
1268.	829.3	0.0	15.0	15.9	0.0	100.	6.1340	4.8659	1.0625
1306.	825.4	-0.1	15.3	16.1	-0.1	100.	6.0041	4.8289	1.0579
1344.	821.5	-0.5	15.2	16.0	99.9	100.	5.8863	4.7117	1.0543
1388.	817.0	-0.7	15.5	16.3	99.9	100.	5.7896	4.6374	1.0493
1430.	812.7	-0.7	15.9	16.7	99.9	100.	5.7995	4.6044	1.0437
1466.	809.0	-0.9	16.1	16.9	-0.9	100.	5.6943	4.5320	1.0397
1500.	805.6	-1.3	16.0	16.8	-1.3	100.	5.5081	4.3903	1.0367
1536.	802.0	-1.4	16.3	17.0	-1.4	100.	5.4624	4.3555	1.0324
1592.	796.3	-1.8	16.4	17.2	-1.6	100.	5.2832	4.2188	1.0265
1629.	792.6	-2.0	16.6	17.3	-2.0	100.	5.1956	4.1519	1.0224
1659.	789.6	-2.4	16.9	17.2	-2.4	100.	5.0244	4.0210	1.0200
1695.	786.1	-2.4	16.9	17.6	-2.4	100.	5.0243	4.0209	1.0155
1719.	783.7	-2.8	16.7	17.4	99.9	100.	4.8555	3.9158	1.0138
1762.	779.4	-2.9	17.0	17.7	99.9	100.	4.8096	3.8802	1.0085
1788.	776.9	-3.2	17.0	17.8	99.9	100.	4.6866	3.7846	1.0063
1823.	773.5	-3.3	17.3	18.0	99.9	100.	4.6826	3.7814	1.0020
1859.	769.8	-3.3	17.6	18.3	99.9	100.	4.6390	3.7475	0.9976
1890.	766.9	-3.6	17.6	18.3	99.9	100.	4.5194	3.6545	0.9948
1930.	763.1	-3.7	17.9	18.6	99.9	99.	4.4769	3.6214	0.9902
1965.	759.7	-4.1	17.9	18.5	99.9	99.	4.3239	3.5022	0.9871
1998.	756.5	-4.2	18.1	18.7	99.9	99.	4.2837	3.4708	0.9833

HEIGHT (M)	PKES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
2037.	752.8	-4.7	18.6	18.6	99.9	99.	4.1012	3.3285	0.9802
2070.	749.6	-4.6	18.4	19.1	99.9	99.	4.1329	3.3531	0.9757
2104.	746.4	-4.7	18.7	19.3	99.9	99.	4.0943	3.3230	0.9719
2169.	740.2	-4.7	19.4	20.0	99.9	99.	4.0876	3.3176	0.9639
2202.	737.1	-4.9	19.6	20.2	99.9	99.	4.0495	3.2879	0.9602
2239.	733.7	-4.9	19.9	20.5	99.9	99.	4.0114	3.2581	0.9561
2270.	730.8	-5.1	20.0	20.6	99.9	99.	3.9403	3.2025	0.9530
2303.	727.7	-5.1	20.4	21.0	99.9	99.	3.9370	3.1998	0.9489
2339.	724.4	-5.3	20.5	21.1	99.9	98.	3.8647	3.1448	0.9453
2378.	720.6	-5.8	20.4	21.0	99.9	98.	3.7806	3.0147	0.9422
2420.	716.9	-6.0	20.6	21.2	99.9	98.	3.6835	2.9621	0.9378
2454.	713.6	-6.2	20.8	21.3	99.9	98.	3.5684	2.9109	0.9344
2494.	710.2	-6.7	20.7	21.2	99.9	98.	3.4140	2.7897	0.9313
2524.	707.5	-6.5	21.2	21.7	99.9	98.	3.4710	2.8344	0.9271
2558.	704.4	-6.9	21.1	21.7	99.9	99.	3.3499	2.7392	0.9244
2591.	701.4	-7.0	21.4	21.9	99.9	99.	3.3181	2.7142	0.9208
2626.	698.3	-7.5	21.7	22.3	99.9	99.	3.3152	2.7119	0.9167
2662.	695.0	-7.7	21.8	22.1	99.9	99.	3.1712	2.5984	0.9140
2696.	692.0	-7.9	21.9	22.0	99.9	99.	3.0598	2.5106	0.9113
2730.	688.9	-7.7	21.9	22.2	99.9	97.	3.0551	2.5085	0.9074
2765.	685.9	-8.4	21.7	22.2	99.9	97.	2.9816	2.4030	0.9049
2799.	682.9	-8.3	22.2	22.7	99.9	97.	2.9467	2.4212	0.9006
2839.	679.4	-9.0	21.8	22.7	99.9	97.	2.7681	2.2799	0.8983
2874.	676.3	-9.1	22.1	22.6	99.9	97.	2.7413	2.2587	0.8945
2903.	673.6	-9.3	22.2	22.6	99.9	97.	2.6813	2.2190	0.8918
2940.	670.5	-9.7	22.2	22.6	99.9	97.	2.5352	2.1428	0.8887
2977.	667.3	-9.8	22.5	22.6	99.9	97.	2.5699	2.1226	0.8848
3011.	664.4	-10.1	22.5	22.9	99.9	97.	2.5852	2.0672	0.8819
3045.	661.5	-10.2	22.7	23.2	99.9	97.	2.4788	2.0478	0.8784
3081.	658.4	-10.4	22.9	23.3	99.9	97.	2.4299	2.0112	0.8749
3116.	655.4	-10.4	23.3	23.7	99.9	97.	2.4276	2.0094	0.8710
3157.	651.9	-10.7	23.4	23.8	99.9	96.	2.3610	1.9564	0.8672
3195.	648.7	-10.4	23.6	24.0	99.9	96.	2.3169	1.9212	0.8636
3229.	645.8	-11.2	23.6	24.0	99.9	96.	2.2535	1.8706	0.8607
3307.	639.3	-11.9	23.7	24.1	99.9	96.	2.1118	1.7573	0.8542
3344.	636.2	-12.0	24.0	24.4	99.9	96.	2.0508	1.7405	0.8504
3381.	633.1	-12.5	23.9	24.2	99.9	96.	1.9965	1.6659	0.8478
3417.	630.1	-12.7	24.4	24.4	99.9	96.	1.9588	1.6347	0.8444
3490.	624.1	-12.6	25.0	25.3	99.9	96.	1.9728	1.6438	0.8361
3526.	621.2	-13.2	24.7	25.0	99.9	97.	1.9022	1.5874	0.8341
3559.	618.5	-13.5	24.7	25.0	99.9	98.	1.8678	1.5599	0.8314
3592.	615.8	-13.4	25.2	25.5	99.9	98.	1.7679	1.4799	0.8274
3635.	612.3	-13.7	25.3	25.6	99.9	98.	1.7357	1.4541	0.8236
3666.	609.8	-14.3	25.3	25.3	99.9	95.	1.6730	1.4037	0.8221
3734.	604.4	-14.8	25.2	25.5	99.9	100.	1.6884	1.4161	0.8164
3769.	601.6	-14.7	25.7	26.0	99.9	92.	1.5730	1.3223	0.8122
3800.	599.1	-14.8	25.9	26.2	99.9	85.	1.4422	1.2176	0.8090
3836.	596.3	-15.2	25.8	26.1	99.9	89.	1.4422	1.2176	0.8065
3867.	593.8	-15.4	26.0	26.3	99.9	92.	1.4693	1.2395	0.8038
3904.	590.9	-15.5	26.3	26.6	99.9	96.	1.5250	1.2845	0.8002
3938.	588.3	-15.6	26.5	26.8	99.9	94.	1.4693	1.2395	0.7970
4149.	572.0	-17.4	26.6	27.1	99.9	98.	1.3307	1.1029	0.7802
4183.	569.4	-17.9	26.6	26.9	99.9	99.	1.2465	1.0604	0.7782
4219.	566.6	-18.1	26.6	27.1	99.9	99.	1.2291	1.0464	0.7749
4242.	564.9	-18.5	26.6	26.9	99.9	99.	1.1869	1.0120	0.7738
4292.	561.1	-18.6	27.1	27.3	99.9	100.	1.1834	1.0073	0.7689
4317.	559.2	-18.9	27.0	27.2	99.9	100.	1.1501	0.9802	0.7672
4377.	554.7	-19.7	26.8	27.0	99.9	100.	1.0656	0.9110	0.7633
4458.	548.7	-20.2	27.1	27.3	99.9	100.	1.0133	0.8696	0.7565
4528.	543.5	-21.5	26.4	26.6	99.9	100.	0.8919	0.7692	0.7531
4592.	538.8	-22.1	26.4	26.6	99.9	99.	0.8397	0.7259	0.7484
4713.	530.0	-22.6	27.2	27.4	99.9	99.	0.7958	0.6893	0.7376
4766.	526.2	-23.1	27.2	27.4	99.9	100.	0.7661	0.6638	0.7337
4789.	524.5	-23.0	27.6	27.8	99.9	98.	0.7586	0.6576	0.7311
4814.	522.7	-23.7	27.1	27.2	99.9	98.	0.7077	0.6156	0.7306
4889.	517.4	-24.2	27.4	27.5	99.9	98.	0.6726	0.5862	0.7246
4922.	515.0	-25.0	26.8	26.9	99.9	98.	0.6207	0.5427	0.7235
5366.	484.3	-28.2	28.2	28.3	99.9	97.	0.4454	0.3943	0.6891
5400.	482.0	-28.3	28.4	28.6	99.9	97.	0.4416	0.3903	0.6862
5434.	479.7	-28.9	28.1	28.2	99.9	100.	0.4271	0.3789	0.6845
5468.	477.4	-28.8	28.7	28.8	99.9	97.	0.4184	0.3715	0.6810
5507.	474.8	-28.9	29.0	29.1	99.9	96.	0.4099	0.3642	0.6775
5546.	472.2	-29.1	29.3	29.3	99.9	95.	0.3973	0.3535	0.6744
5583.	469.8	-29.0	29.8	29.9	99.9	91.	0.3951	0.3431	0.6707
5622.	467.2	-29.1	30.2	30.0	99.9	94.	0.3932	0.3500	0.6672
5661.	464.7	-29.1	30.6	30.7	99.9	95.	0.3973	0.3535	0.6637
5696.	462.4	-29.1	31.0	31.1	99.9	95.	0.3973	0.3535	0.6604
5735.	459.9	-28.3	31.9	31.5	99.9	94.	0.4014	0.3570	0.6563
5810.	455.1	-28.4	33.3	33.4	99.9	91.	0.4186	0.3621	0.6481
5849.	452.6	-28.7	33.4	33.3	99.9	89.	0.3991	0.3465	0.6453
5882.	450.5	-29.1	33.4	33.5	99.9	81.	0.3951	0.3430	0.6431
5961.	443.3	-29.2	34.4	34.5	99.9	76.	0.3956	0.3961	0.6362
5999.	443.2	-29.5	34.1	34.2	99.9	70.	0.3580	0.3198	0.6342

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
6039.	440.7	-29.8	34.4	34.5	-30.7	91.	0.3543	0.3166	0.6312
6133.	434.9	-30.2	35.0	35.1	-31.0	92.	0.3433	0.3072	0.6239
6158.	433.4	-30.3	35.0	35.3	-31.5	93.	0.3257	0.2921	0.6220
6194.	431.2	-30.8	35.0	35.1	-31.9	91.	0.3196	0.2859	0.6201
6227.	429.2	-31.1	35.0	35.3	-31.6	94.	0.3223	0.2891	0.6177
6263.	427.0	-31.3	35.0	35.3	-32.0	93.	0.3040	0.2776	0.6153
6337.	422.6	-31.0	36.5	36.6	-32.4	96.	0.2961	0.2665	0.6082
6449.	415.9	-32.7	35.8	35.8	-32.9	98.	0.2527	0.2278	0.6028
6777.	396.9	-34.6	37.5	37.5	-34.0	93.	0.2195	0.1986	0.5798
6914.	388.9	-36.1	37.3	37.4	-36.5	96.	0.1922	0.1742	0.5717
7652.	349.5	-40.6	40.9	40.9	-39.9	99.	0.1190	0.1109	0.5237
7795.	342.2	-41.9	41.0	41.0	-41.9	100.	0.1032	0.0967	0.5156
7894.	337.2	-43.3	40.4	40.4	-43.3	100.	0.0881	0.0831	0.5111
8112.	326.4	-44.7	41.4	41.4	-44.7	100.	0.0748	0.0645	0.4978
8199.	322.2	-45.9	40.9	40.9	-45.9	100.	0.0645	0.0577	0.4940

SOUNDING 4.0
 LATITUDE -56.6 LONGITUDE 4.1
 DATE 10-20-81 TIME 1444 GMT
 NUMBER OF LEVELS 60

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	972.1	-0.5	1.3	1.8	-1.5	95.	5.4215	4.3240	1.2482
36.	967.7	-1.3	1.3	1.6	-1.5	98.	5.4209	4.3239	1.2444
102.	959.7	-1.8	1.4	2.0	-1.9	99.	5.2075	4.1810	1.2362
188.	949.4	-2.4	1.6	2.0	-2.0	99.	4.9623	3.9922	1.2255
249.	942.1	-2.5	1.7	2.3	-2.3	99.	4.7648	3.8398	1.2182
328.	932.7	-3.4	2.0	2.5	-2.5	99.	4.5764	3.6942	1.2082
401.	924.1	-3.8	2.4	2.8	-2.8	99.	4.4316	3.5822	1.1988
468.	916.3	-4.0	2.8	3.3	-3.3	99.	4.3637	3.5299	1.1895
527.	909.5	-4.2	3.2	3.7	-3.7	99.	4.2960	3.4775	1.1815
582.	903.2	-4.5	3.4	3.9	-3.9	100.	4.1930	3.3976	1.1746
639.	896.7	-4.8	4.0	4.5	-4.5	100.	4.1095	3.4022	1.1662
694.	890.4	-4.5	4.6	5.1	-5.1	100.	4.2038	3.4066	1.1580
749.	884.2	-4.1	5.5	6.0	-4.1	100.	4.3547	3.5071	1.1483
808.	877.6	-3.6	6.6	7.2	-3.8	98.	4.4668	3.5933	1.1378
881.	869.5	-3.2	7.8	8.4	-3.6	97.	4.5429	3.6519	1.1257
954.	861.5	-3.0	8.8	9.3	-3.4	97.	4.6202	3.7113	1.1146
1017.	854.7	-2.4	10.0	10.6	-3.1	94.	4.7385	3.8021	1.1035
1092.	846.7	-1.8	11.4	12.0	-2.6	94.	4.9419	3.9579	1.0910
1154.	840.1	-1.4	12.5	13.1	-2.2	94.	5.1104	4.0868	1.0810
1219.	833.3	-1.1	13.4	14.1	-1.9	94.	5.2401	4.1859	1.0712
1282.	826.7	-1.2	14.6	14.7	-1.6	95.	5.2838	4.2193	1.0632
1350.	819.7	-1.3	14.6	15.3	-1.8	96.	5.2837	4.2192	1.0546
1410.	813.6	-1.5	15.0	15.7	-1.9	97.	5.2396	4.1855	1.0475
1477.	806.7	-1.7	15.5	16.2	-2.0	98.	5.1959	4.1521	1.0394
1543.	800.1	-1.9	15.9	16.6	-2.2	98.	5.1095	4.0861	1.0316
1608.	793.5	-2.3	16.2	16.9	-2.5	98.	4.9825	3.9889	1.0246
1676.	786.8	-2.6	16.6	17.3	-2.7	99.	4.8994	3.9253	1.0170
1738.	780.6	-2.9	16.9	17.6	-3.0	99.	4.7772	3.8316	1.0100
1811.	773.5	-3.3	17.2	17.9	-3.4	99.	4.6185	3.7099	1.0023
1877.	767.0	-3.4	17.8	18.5	-3.6	98.	4.5410	3.6503	0.9942
1947.	760.3	-3.8	18.1	18.8	-4.0	98.	4.3895	3.5338	0.9869
2025.	752.8	-4.2	18.5	19.1	-4.4	98.	4.2427	3.4207	0.9785
2097.	745.9	-4.8	18.6	19.2	-4.8	100.	4.1504	3.3109	0.9716
2166.	739.4	-5.1	19.0	19.6	-5.1	100.	3.9965	3.2306	0.9642
2240.	732.5	-5.5	19.4	20.0	-5.5	100.	3.8617	3.1263	0.9565
2306.	726.3	-5.7	19.9	20.5	-5.8	99.	3.7634	3.0501	0.9491
2378.	719.7	-6.2	20.1	20.7	-6.2	100.	3.6359	2.9512	0.9421
2444.	713.6	-6.4	20.6	21.1	-6.5	99.	3.5428	2.8789	0.9348
2517.	707.0	-6.9	20.8	21.4	-6.9	100.	3.4221	2.7850	0.9278
2589.	700.5	-7.4	21.0	21.6	-7.4	100.	3.2765	2.6841	0.9209
2661.	694.0	-7.9	21.3	21.8	-7.9	100.	3.1367	2.5739	0.9140
2742.	686.8	-8.4	21.6	22.1	-8.4	100.	3.0022	2.4571	0.9062
2810.	680.8	-9.0	21.7	22.1	-9.0	100.	2.8479	2.3460	0.9002
2885.	674.2	-9.4	22.0	22.5	-9.4	100.	2.7491	2.2585	0.8927
2964.	667.4	-10.0	22.2	22.7	-10.0	100.	2.6046	2.1464	0.8857
3039.	660.9	-10.7	22.3	22.7	-9.9	100.	2.4478	2.0284	0.8793
3116.	654.3	-11.2	22.5	22.9	-9.9	100.	2.3353	1.9420	0.8721
3202.	647.0	-11.7	22.8	23.3	-9.9	100.	2.2375	1.8587	0.8639
3281.	640.3	-12.3	23.1	23.5	-9.9	100.	2.1150	1.7635	0.8569
3358.	633.9	-12.8	23.4	23.8	-9.9	100.	2.0211	1.6875	0.8499
3659.	609.3	-14.8	24.5	24.9	-9.9	99.	1.6767	1.4123	0.8232
3731.	603.5	-15.2	24.8	25.1	-9.9	99.	1.6174	1.3623	0.8164
3801.	597.5	-16.1	24.7	25.0	-9.9	99.	1.5110	1.2977	0.8112
4081.	576.0	-18.1	25.4	25.7	-9.9	99.	1.2229	1.0471	0.7878
4157.	570.1	-18.5	25.8	26.1	-18.6	99.	1.1834	1.0074	0.7809
4233.	564.3	-19.3	26.0	26.4	-19.3	99.	1.0951	0.9365	0.7753
4352.	553.1	-20.4	26.6	26.4	-20.4	99.	0.9825	0.8417	0.7632
4613.	533.0	-22.1	27.0	27.0	-22.1	99.	0.8227	0.7168	0.7445
4904.	515.1	-24.7	27.1	27.3	-24.7	98.	0.6379	0.5570	0.7228

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RH0W (G/M+*3)	RHO (KG/M+*3)
4985.	504.4	-25.2	27.5	27.6	99.9	97.	0.6058	0.5300	0.7162
5221.	493.0	-28.0	26.9	27.0	99.9	97.	0.4540	0.4017	0.7011
5379.	482.2	-28.9	27.7	27.8	99.9	97.	0.4125	0.3663	0.6881
5616.	466.4	-30.9	28.6	28.6	99.9	96.	0.3476	0.3106	0.6699
5674.	462.6	-31.5	28.0	28.1	99.9	96.	0.3126	0.2805	0.6672
5895.	448.4	-31.5	30.7	30.8	99.9	96.	0.3111	0.2791	0.6467
6081.	436.7	-32.8	31.4	31.4	99.9	95.	0.2700	0.2435	0.6332
6229.	427.6	-33.0	33.0	33.0	-33.5	95.	0.2634	0.2381	0.6205
6370.	419.1	-33.2	34.5	34.5	-33.5	97.	0.2634	0.2381	0.6087

SOUNDING 5.0
 LATITUDE -56.8 LONGITUDE 4.6
 DATE 10-20-81 TIME 1644 GMT
 NUMBER OF LEVELS 112

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RH0W (G/M+*3)	RHO (KG/M+*3)
0.	969.8	-1.7	0.7	1.2	-3.0	90.	4.7839	3.8346	1.2484
67.	961.6	-2.3	0.7	1.2	99.9	91.	4.5892	3.6890	1.2405
142.	952.6	-2.6	1.2	1.7	99.9	91.	4.5208	3.6379	1.2302
213.	944.1	-3.2	1.3	1.7	99.9	92.	4.3395	3.4992	1.2218
275.	936.7	-3.6	1.5	2.0	99.9	93.	4.2393	3.4160	1.2140
333.	929.8	-3.8	1.9	2.3	99.9	94.	4.1917	3.3873	1.2059
395.	922.6	-4.1	2.2	2.6	99.9	95.	4.1196	3.3326	1.1979
461.	914.9	-4.4	2.5	3.0	99.9	95.	4.0507	3.2804	1.1892
516.	908.5	-4.7	2.8	3.2	99.9	96.	3.9770	3.2241	1.1822
569.	902.4	-4.9	3.1	3.5	99.9	97.	3.9365	3.1937	1.1751
674.	890.4	-5.2	3.7	4.2	99.9	98.	3.8557	3.1327	1.1612
725.	884.6	-5.5	4.0	4.5	99.9	99.	3.8149	3.1018	1.1545
773.	879.2	-5.7	4.3	4.8	99.9	99.	3.7727	3.0697	1.1482
827.	873.2	-5.7	4.9	5.3	-5.7	100.	3.7982	3.0772	1.1404
878.	867.5	-5.4	5.7	6.2	-5.4	100.	3.8972	3.1539	1.1318
928.	862.0	-4.4	7.2	7.8	-4.4	100.	4.2446	3.4223	1.1208
974.	857.0	-4.0	8.1	8.7	-4.0	100.	4.3913	3.5352	1.1127
1021.	851.9	-4.1	8.5	9.3	-4.1	100.	4.3541	3.5066	1.1065
1070.	846.6	-4.2	8.9	9.4	-4.2	100.	4.3172	3.4781	1.1000
1115.	841.8	-4.1	9.5	10.0	-4.1	100.	4.3539	3.5064	1.0935
1163.	836.7	-4.0	10.1	10.6	-4.0	100.	4.3913	3.5349	1.0865
1209.	831.8	-3.9	10.6	11.2	-3.9	100.	4.4287	3.5637	1.0798
1259.	826.5	-3.7	11.4	12.0	-3.7	100.	4.5038	3.6218	1.0722
1305.	821.8	-3.2	12.4	13.0	-3.2	100.	4.6981	3.7710	1.0643
1351.	817.0	-2.7	13.4	14.0	-2.7	100.	4.9000	3.9258	1.0563
1398.	812.2	-2.9	13.6	14.3	-2.9	100.	4.8182	3.8631	1.0508
1442.	807.7	-2.9	14.1	14.7	-2.9	100.	4.8181	3.8630	1.0450
1491.	802.7	-2.9	14.6	15.3	-2.9	100.	4.8180	3.8629	1.0386
1539.	797.8	-3.0	15.0	15.7	-3.0	100.	4.7775	3.8319	1.0326
1586.	793.1	-3.2	15.3	15.9	-3.2	100.	4.6975	3.7706	1.0272
1639.	787.8	-3.4	15.6	16.3	99.9	100.	4.6188	3.7320	1.0211
1683.	783.4	-3.6	15.9	16.5	-3.6	100.	4.5413	3.6506	1.0161
1734.	778.4	-3.9	16.1	16.7	-3.9	100.	4.4273	3.5629	1.0107
1788.	773.1	-4.2	16.3	16.9	-4.2	100.	4.3159	3.4771	1.0048
1843.	767.7	-4.4	16.7	17.3	-4.4	100.	4.2430	3.4209	0.9985
1894.	762.7	-4.7	16.9	17.5	-4.7	100.	4.1358	3.3382	0.9931
1942.	758.1	-5.0	17.1	17.7	-5.0	100.	4.0311	3.2574	0.9881
2001.	752.4	-5.1	17.6	18.2	-5.1	100.	3.9957	3.2308	0.9811
2051.	747.6	-5.4	17.8	18.4	-5.4	100.	3.8953	3.1523	0.9758
2109.	742.1	-5.4	17.9	18.4	-5.9	100.	3.7314	3.0253	0.9704
2163.	737.0	-6.3	18.0	18.5	-6.3	100.	3.6049	2.9271	0.9650
2217.	731.9	-6.6	18.3	18.8	-6.6	100.	3.5129	2.8554	0.9594
2283.	725.8	-7.0	18.5	19.0	-7.0	100.	3.3828	2.7622	0.9528
2351.	719.5	-7.3	18.9	19.4	-7.3	100.	3.3054	2.6941	0.9455
2417.	713.4	-7.7	19.2	19.7	-7.7	100.	3.1622	2.6057	0.9388
2470.	708.5	-8.0	19.4	19.4	-8.0	100.	3.1046	2.5411	0.9334
2535.	702.6	-8.5	19.6	20.0	-8.5	100.	2.9762	2.4368	0.9273
2600.	696.7	-8.7	20.1	20.5	-8.7	100.	2.9242	2.3961	0.9202
2663.	691.1	-9.0	20.4	20.9	-9.0	100.	2.8481	2.3362	0.9138
2722.	685.8	-9.5	20.5	20.9	-9.5	100.	2.7250	2.2396	0.9084
2835.	675.9	-10.1	21.0	21.5	-10.1	100.	2.5838	2.1283	0.8972
2892.	670.9	-10.5	21.2	21.6	-10.5	100.	2.4934	2.0570	0.8919
2934.	667.2	-10.9	21.2	21.6	-10.9	100.	2.4059	1.9879	0.8883
2977.	663.3	-11.3	21.4	21.6	-11.3	100.	2.3213	1.9208	0.8846
3018.	659.5	-11.5	21.5	21.9	-11.5	100.	2.2739	1.8881	0.8805
3061.	656.2	-11.9	21.5	21.9	-11.9	100.	2.1927	1.8241	0.8768
3106.	652.4	-12.0	21.9	22.2	-12.0	100.	2.1796	1.8084	0.8721
3147.	648.9	-12.3	22.0	22.4	-12.3	100.	2.1213	1.7621	0.8684
3191.	645.2	-12.4	22.4	22.7	-12.4	100.	2.1022	1.7469	0.8637
3233.	641.6	-12.7	22.5	22.9	-12.7	100.	2.0454	1.7020	0.8599
3277.	637.9	-13.2	22.4	22.8	-13.2	100.	1.9550	1.6296	0.8565
3324.	634.0	-13.3	22.8	23.2	-13.3	100.	1.9773	1.6154	0.8516
3366.	630.5	-13.7	22.5	23.2	-13.7	100.	1.8679	1.5600	0.8481
3453.	623.3	-14.1	23.4	23.7	-14.1	100.	1.8507	1.5052	0.8397
3497.	619.7	-14.4	23.5	23.8	-14.4	100.	1.7518	1.4677	0.8358

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MM)	1E+3*RH0 (G/M**3)	RH0 (KG/M**3)
3539.	612.3	-14.3	3.7	34.2	-14.6	100.	1.7159	1.4414	0.8318
3561.	612.3	-14.3	3.7	34.2	-14.7	100.	1.7141	1.4257	0.8272
3675.	600.1	-15.5	4.4	34.4	-15.9	100.	1.5772	1.3302	0.8197
3727.	599.7	-16.4	4.4	34.4	-16.3	100.	1.5126	1.2732	0.8156
3770.	599.7	-16.4	4.4	34.4	-16.4	100.	1.4887	1.2288	0.8122
3817.	598.4	-16.8	4.4	34.4	-16.8	100.	1.4523	1.1853	0.8084
3863.	598.4	-16.8	4.4	34.4	-16.9	100.	1.4322	1.1747	0.8037
3905.	587.3	-17.3	4.4	34.4	-17.2	100.	1.3817	1.1434	0.8001
3954.	587.3	-17.3	4.4	34.4	-17.7	100.	1.3121	1.1129	0.7958
4003.	577.1	-18.0	4.4	34.4	-18.3	100.	1.2266	1.0636	0.7824
4045.	577.1	-18.0	4.4	34.4	-18.4	100.	1.2012	1.0446	0.7822
4099.	572.0	-18.4	4.4	34.4	-18.4	100.	1.2031	1.0255	0.7832
4142.	566.9	-18.8	4.4	34.4	-18.8	100.	1.1771	1.0065	0.7790
4188.	566.9	-18.8	4.4	34.4	-18.8	100.	1.1771	0.9455	0.7766
4271.	556.6	-19.6	4.4	34.4	-19.6	100.	1.0854	0.9044	0.7694
4312.	556.6	-19.6	4.4	34.4	-19.6	100.	1.0854	0.8854	0.7657
4356.	556.6	-19.6	4.4	34.4	-19.6	100.	1.0854	0.8777	0.7615
4400.	556.6	-19.6	4.4	34.4	-19.6	100.	1.0854	0.8777	0.7584
4440.	556.6	-19.6	4.4	34.4	-19.6	100.	1.0854	0.8777	0.7547
4486.	556.6	-19.6	4.4	34.4	-19.6	100.	1.0854	0.8777	0.7511
4625.	556.6	-19.6	4.4	34.4	-19.6	100.	1.0854	0.8777	0.7399
4674.	556.6	-19.6	4.4	34.4	-19.6	100.	1.0854	0.8777	0.7369
4714.	556.6	-19.6	4.4	34.4	-19.6	100.	1.0854	0.8777	0.7342
4764.	556.6	-19.6	4.4	34.4	-19.6	100.	1.0854	0.8777	0.7300
4806.	556.6	-19.6	4.4	34.4	-19.6	100.	1.0854	0.8777	0.7264
4854.	556.6	-19.6	4.4	34.4	-19.6	100.	1.0854	0.8777	0.7231
4946.	556.6	-19.6	4.4	34.4	-19.6	100.	1.0854	0.8777	0.7165
4994.	556.6	-19.6	4.4	34.4	-19.6	100.	1.0854	0.8777	0.7123
5039.	556.6	-19.6	4.4	34.4	-19.6	100.	1.0854	0.8777	0.7091
5176.	493.3	-26.6	4.4	34.4	-26.6	100.	0.5433	0.4755	0.6982
5231.	493.3	-26.6	4.4	34.4	-26.6	100.	0.5433	0.4755	0.6955
5281.	486.7	-27.5	4.4	34.4	-27.5	100.	0.4733	0.4182	0.6917
5372.	486.7	-27.5	4.4	34.4	-27.5	100.	0.4733	0.3827	0.6854
5420.	477.3	-28.8	4.4	34.4	-28.8	100.	0.4733	0.3827	0.6809
5483.	473.1	-29.5	4.4	34.4	-29.5	100.	0.4733	0.3827	0.6768
5563.	467.8	-29.7	4.4	34.4	-29.7	100.	0.4733	0.3827	0.6697
5652.	467.8	-29.7	4.4	34.4	-29.7	100.	0.4733	0.3827	0.6644
5704.	467.8	-29.7	4.4	34.4	-29.7	100.	0.4733	0.3827	0.6633
5855.	448.9	-32.3	4.4	34.4	-32.3	100.	0.2822	0.2822	0.6495
5902.	448.9	-32.3	4.4	34.4	-32.3	100.	0.2822	0.2822	0.6471
5956.	448.9	-32.3	4.4	34.4	-32.3	100.	0.2822	0.2822	0.6424
6002.	434.6	-33.2	4.4	34.4	-33.2	100.	0.2726	0.2726	0.6385
6047.	434.6	-33.2	4.4	34.4	-33.2	100.	0.2726	0.2726	0.6360
6095.	434.6	-33.2	4.4	34.4	-33.2	100.	0.2726	0.2726	0.6337
6142.	434.6	-33.2	4.4	34.4	-33.2	100.	0.2726	0.2726	0.6297
6194.	427.7	-35.3	4.4	34.4	-35.3	100.	0.2156	0.2156	0.6266
6253.	424.1	-35.6	4.4	34.4	-35.6	100.	0.2035	0.1916	0.6221

SOUNDING 6.0
 LATITUDE -56.5 LONGITUDE 4.4
 DATE 10-20-81 TIME 1756 GMT
 NUMBER OF LEVELS 139

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MM)	1E+3*RH0 (G/M**3)	RH0 (KG/M**3)
0.	971.8	-1.6	0.6	1.2	-1.8	88.	5.2870	4.2214	1.2569
50.	965.7	-1.3	0.8	1.4	0.9	92.	5.1597	4.1434	1.2444
110.	958.4	-2.3	1.0	1.5	0.9	92.	4.9938	4.0160	1.2367
173.	950.8	-2.7	1.2	1.8	0.9	99.	4.8330	3.8917	1.2286
236.	943.3	-3.1	1.4	2.0	0.9	99.	4.6768	3.7713	1.2236
301.	938.6	-3.4	1.5	2.3	0.9	99.	4.5638	3.6835	1.2119
371.	927.3	-3.6	2.1	2.6	0.9	99.	4.4161	3.5635	1.2029
423.	921.2	-4.0	2.4	2.9	0.9	99.	4.3448	3.5145	1.1958
474.	915.3	-4.3	2.6	3.1	0.9	99.	4.2353	3.4317	1.1894
520.	908.9	-4.4	2.9	3.4	0.9	99.	4.2046	3.4062	1.1824
565.	904.5	-4.7	3.1	3.6	0.9	99.	4.1112	3.3254	1.1775
610.	894.5	-4.9	3.3	3.8	0.9	99.	4.0142	3.2783	1.1715
654.	894.6	-5.1	3.3	4.0	0.9	99.	3.9281	3.2219	1.1654
702.	884.7	-5.3	3.4	4.3	0.9	99.	3.8422	3.1714	1.1595
759.	882.7	-5.5	4.2	4.7	0.9	99.	3.7577	3.1221	1.1522
813.	875.6	-5.7	4.4	5.0	0.9	99.	3.7777	3.0735	1.1449
874.	869.8	-5.8	5.1	5.5	0.9	99.	3.7477	3.0266	1.1364
936.	862.9	-6.1	5.5	5.9	0.9	99.	3.6588	2.9811	1.1282
993.	856.7	-6.5	6.3	6.7	0.9	99.	3.5736	2.9355	1.1193
1050.	850.5	-6.8	6.4	6.8	0.9	99.	3.5037	2.8904	1.1128
1108.	844.2	-4.7	8.6	8.1	0.9	99.	4.1376	3.3554	1.0988
1165.	838.1	-4.5	9.4	9.0	0.9	99.	4.2048	3.4085	1.0902
1226.	831.6	-4.4	10.1	10.7	0.9	99.	4.2441	3.4211	1.0814
1285.	825.4	-4.4	10.7	11.3	0.9	99.	4.2440	3.4217	1.0733
1345.	819.0	-4.1	12.2	12.8	0.9	99.	4.2001	3.4435	1.0657
1406.	807.7	-3.6	13.4	13.8	0.9	99.	4.3533	3.5959	1.0474
1513.	801.9	-3.2	14.3	14.5	0.9	97.	4.5114	3.6214	1.0388

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RH0W (G/M**3)	RH0 (KG/M**3)
1573.	748.6	-3.4	14.6	15.4	-3.7	97.	4.5335	3.6213	1.0313
1577.	748.4	-3.7	14.6	15.4	-3.9	98.	4.4975	3.5630	1.0254
1577.	748.4	-4.1	14.6	15.4	-4.1	98.	4.3529	3.5056	1.0197
1725.	748.4	-4.1	14.6	15.4	-4.3	99.	4.3164	3.4772	1.0137
1773.	771.4	-4.3	14.6	14.7	-4.5	98.	4.2071	3.3933	1.0081
1822.	771.1	-4.3	14.6	14.7	-4.7	98.	4.1360	3.3384	1.0036
1874.	766.9	-4.3	14.6	14.7	-4.9	98.	4.0659	3.2842	0.9977
1911.	761.6	-5.1	14.6	14.7	-5.1	100.	3.9969	3.2303	0.9933
1967.	757.	-5.7	14.6	14.7	-5.5	100.	3.8821	3.1267	0.9884
2001.	751.8	-5.7	14.6	14.7	-5.7	100.	3.7953	3.0756	0.9823
2048.	747.	-6.6	14.6	14.7	-6.6	100.	3.6999	3.0006	0.9771
2111.	738.6	-6.6	14.6	14.7	-7.0	100.	3.5913	2.8599	0.9655
2124.	738.2	-7.0	14.6	14.7	-7.0	100.	3.3928	2.7622	0.9585
2335.	728.1	-7.0	14.6	14.7	-7.0	100.	3.3928	2.6496	0.9496
2419.	714.4	-8.4	14.6	14.7	-8.4	100.	3.1396	2.5523	0.9411
2433.	714.4	-8.4	14.6	14.7	-8.4	100.	3.1396	2.4573	0.9335
2674.	691.2	-9.9	14.6	14.7	-9.9	100.	2.7251	2.2396	0.9155
2727.	686.6	-9.9	14.6	14.7	-9.9	100.	2.6772	2.2022	0.9096
2775.	686.6	-10.4	14.6	14.7	-10.4	100.	2.5618	2.1104	0.9026
2837.	677.4	-10.4	14.6	14.7	-10.4	100.	2.4635	2.0571	0.8928
2844.	672.6	-10.4	14.6	14.7	-10.4	100.	2.4444	2.0222	0.8898
2881.	669.6	-11.1	14.6	14.7	-11.1	100.	2.3422	1.9877	0.8855
2922.	664.6	-11.1	14.6	14.7	-11.1	100.	2.2601	1.9374	0.8817
2953.	664.6	-11.1	14.6	14.7	-11.1	100.	2.2133	1.8881	0.8787
2989.	658.4	-11.1	14.6	14.7	-11.1	100.	2.1797	1.8430	0.8756
3025.	653.6	-11.1	14.6	14.7	-11.1	100.	2.1457	1.8085	0.8724
3069.	649.4	-11.1	14.6	14.7	-11.1	100.	2.1135	1.7775	0.8683
3114.	644.7	-11.1	14.6	14.7	-11.1	100.	2.0811	1.6863	0.8629
3172.	640.5	-11.1	14.6	14.7	-11.1	100.	2.0497	1.6297	0.8587
3218.	636.3	-11.1	14.6	14.7	-11.1	100.	2.0198	1.6015	0.8542
3265.	632.6	-11.1	14.6	14.7	-11.1	100.	2.0023	1.5875	0.8519
3313.	628.9	-11.1	14.6	14.7	-11.1	100.	1.9877	1.5713	0.8500
3347.	625.3	-11.1	14.6	14.7	-11.1	100.	1.9834	1.5532	0.8481
3386.	622.9	-11.1	14.6	14.7	-11.1	100.	1.9843	1.4931	0.8438
3427.	620.4	-11.1	14.6	14.7	-11.1	100.	1.9819	1.4679	0.8401
3466.	618.2	-11.1	14.6	14.7	-11.1	100.	1.9742	1.4288	0.8366
3506.	616.9	-11.1	14.6	14.7	-11.1	100.	1.9731	1.4037	0.8335
3543.	614.6	-11.1	14.6	14.7	-11.1	100.	1.9644	1.3791	0.8302
3588.	613.6	-11.1	14.6	14.7	-11.1	100.	1.9612	1.3549	0.8269
3622.	611.6	-11.1	14.6	14.7	-11.1	100.	1.9555	1.3149	0.8225
3668.	609.7	-11.1	14.6	14.7	-11.1	100.	1.9525	1.2846	0.8195
3704.	607.6	-11.1	14.6	14.7	-11.1	100.	1.9497	1.2619	0.8166
3746.	605.7	-11.1	14.6	14.7	-11.1	100.	1.9488	1.2067	0.8131
3783.	603.7	-11.1	14.6	14.7	-11.1	100.	1.9423	1.1855	0.8097
3823.	601.4	-11.1	14.6	14.7	-11.1	100.	1.9364	1.1538	0.8064
3863.	599.1	-11.1	14.6	14.7	-11.1	100.	1.9311	1.1131	0.8019
3913.	597.7	-11.1	14.6	14.7	-11.1	100.	1.9275	1.0832	0.7979
3957.	595.3	-11.1	14.6	14.7	-11.1	100.	1.9243	1.0542	0.7964
3981.	593.4	-11.1	14.6	14.7	-11.1	100.	1.9243	1.0166	0.7927
4025.	591.8	-11.1	14.6	14.7	-11.1	100.	1.9243	0.9892	0.7895
4069.	589.5	-11.1	14.6	14.7	-11.1	100.	1.9243	0.9625	0.7859
4113.	587.2	-11.1	14.6	14.7	-11.1	100.	1.9243	0.9451	0.7784
4158.	585.1	-11.1	14.6	14.7	-11.1	100.	1.9243	0.8863	0.7746
4203.	583.2	-11.1	14.6	14.7	-11.1	100.	1.9243	0.8621	0.7724
4248.	581.3	-11.1	14.6	14.7	-11.1	100.	1.9243	0.8463	0.7676
4293.	579.5	-11.1	14.6	14.7	-11.1	100.	1.9243	0.8231	0.7675
4338.	577.6	-11.1	14.6	14.7	-11.1	100.	1.9243	0.8006	0.7621
4383.	575.7	-11.1	14.6	14.7	-11.1	100.	1.9243	0.7931	0.7581
4428.	573.8	-11.1	14.6	14.7	-11.1	100.	1.9243	0.7729	0.7547
4473.	571.9	-11.1	14.6	14.7	-11.1	100.	1.9243	0.7293	0.7523
4518.	569.5	-11.1	14.6	14.7	-11.1	100.	1.9243	0.7025	0.7487
4563.	567.2	-11.1	14.6	14.7	-11.1	100.	1.9243	0.6829	0.7453
4608.	565.1	-11.1	14.6	14.7	-11.1	100.	1.9243	0.6575	0.7389
4653.	563.4	-11.1	14.6	14.7	-11.1	100.	1.9243	0.6272	0.7355
4703.	561.8	-11.1	14.6	14.7	-11.1	100.	1.9243	0.6038	0.7321
4753.	560.3	-11.1	14.6	14.7	-11.1	100.	1.9243	0.5868	0.7284
4803.	558.8	-11.1	14.6	14.7	-11.1	100.	1.9243	0.5757	0.7255
4853.	557.3	-11.1	14.6	14.7	-11.1	100.	1.9243	0.5486	0.7119
4903.	555.8	-11.1	14.6	14.7	-11.1	100.	1.9243	0.4868	0.6854
4953.	554.3	-11.1	14.6	14.7	-11.1	100.	1.9243	0.4184	0.6920
5003.	552.8	-11.1	14.6	14.7	-11.1	100.	1.9243	0.4061	0.6858
5053.	551.3	-11.1	14.6	14.7	-11.1	100.	1.9243	0.3745	0.6815
5103.	549.8	-11.1	14.6	14.7	-11.1	100.	1.9243	0.3642	0.6775
5153.	548.3	-11.1	14.6	14.7	-11.1	100.	1.9243	0.3366	0.6733
5203.	546.8	-11.1	14.6	14.7	-11.1	100.	1.9243	0.3333	0.6703
5253.	545.3	-11.1	14.6	14.7	-11.1	100.	1.9243	0.3111	0.6667
5303.	543.8	-11.1	14.6	14.7	-11.1	100.	1.9243	0.2899	0.6594
5353.	542.3	-11.1	14.6	14.7	-11.1	100.	1.9243	0.2721	0.6543
5403.	540.8	-11.1	14.6	14.7	-11.1	100.	1.9243	0.2357	0.6472
5453.	539.3	-11.1	14.6	14.7	-11.1	100.	1.9243	0.2333	0.6433
5503.	537.8	-11.1	14.6	14.7	-11.1	100.	1.9243	0.2133	0.6366
5553.	536.3	-11.1	14.6	14.7	-11.1	100.	1.9243	0.2107	0.6345

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3+RH0W (G/M+*3)	RHO (KG/M+*3)
6132.	431.5	-35.5	1.9	1.9	-35.5	100.	0.2165	0.1976	0.6328
6203.	427.5	-35.5	1.9	1.9	-35.5	100.	0.2259	0.1887	0.6274
6408.	419.5	-37.3	1.1	1.1	-37.6	100.	0.2685	0.1551	0.6131
6446.	412.7	-38.0	0.7	0.7	-38.0	100.	0.2812	0.1485	0.6115
6555.	403.5	-39.4	0.2	0.2	-39.4	100.	0.3378	0.1275	0.6055
6604.	400.0	-39.4	0.2	0.2	-39.4	100.	0.3447	0.1257	0.6017
6641.	397.1	-40.0	0.2	0.2	-40.0	100.	0.3553	0.1171	0.5993
6685.	393.5	-40.0	0.2	0.2	-40.0	100.	0.3659	0.1197	0.5952
6736.	389.6	-40.0	0.2	0.2	-40.0	100.	0.3765	0.1156	0.5923
6838.	380.6	-41.1	0.6	0.6	-41.1	100.	0.4115	0.1049	0.5851
6864.	378.0	-41.1	0.6	0.6	-41.1	100.	0.4149	0.0998	0.5841
6909.	374.0	-41.1	0.6	0.6	-41.1	100.	0.4249	0.0982	0.5807
6944.	370.4	-42.0	0.4	0.4	-42.0	100.	0.4349	0.0929	0.5790
7108.	374.4	-43.0	0.3	0.3	-43.0	100.	0.4841	0.0813	0.5680
7158.	371.7	-43.0	0.4	0.4	-43.0	100.	0.4841	0.0799	0.5642
7240.	367.1	-43.0	0.4	0.4	-43.0	100.	0.4841	0.0785	0.5677
7288.	364.5	-44.4	0.0	0.0	-44.4	100.	0.4841	0.0771	0.5552
7326.	362.4	-45.1	0.0	0.0	-45.1	100.	0.4841	0.0757	0.5537
7398.	359.5	-46.0	0.1	0.1	-46.0	100.	0.4841	0.0743	0.5493
7494.	355.5	-46.0	0.1	0.1	-46.0	100.	0.4841	0.0729	0.5416
7630.	345.2	-46.0	0.7	0.7	-46.0	100.	0.4841	0.0657	0.5322
7722.	341.4	-46.0	0.4	0.4	-46.0	100.	0.4841	0.0643	0.5257
7881.	333.3	-47.0	0.1	0.1	-47.0	100.	0.4841	0.0580	0.5141
7920.	331.1	-47.0	0.1	0.1	-47.0	100.	0.4841	0.0474	0.5121
7976.	328.7	-48.4	0.7	0.7	-48.4	100.	0.4841	0.0458	0.5092
8016.	326.5	-48.4	0.7	0.7	-48.4	100.	0.4841	0.0444	0.5079
8063.	324.2	-49.5	0.4	0.4	-49.5	100.	0.4841	0.0377	0.5050

SOUNDING 0.3
 LATITUDE -57.2 LONGITUDE 5.0
 DATE 10-20-61 TIME 2110 GMT
 NUMBER OF LEVELS 136

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3+RH0W (G/M+*3)	RHO (KG/M+*3)
50.	972.0	-1.5	-1.5	-1.5	-1.5	100.	4.5835	3.6831	1.2594
100.	955.5	-3.5	-1.5	-1.5	-3.5	100.	4.4337	3.5656	1.2533
130.	955.0	-4.7	-1.5	-1.5	-4.7	100.	4.1391	3.3409	1.2439
200.	945.9	-5.4	-1.5	-1.5	-5.4	100.	3.8885	3.1549	1.2351
332.	931.8	-6.4	-1.5	-1.5	-6.4	100.	3.5768	2.9054	1.2188
391.	924.7	-6.9	-1.5	-1.5	-6.9	100.	3.4252	2.7875	1.2127
443.	917.5	-7.3	-1.5	-1.5	-7.3	100.	3.3062	2.6963	1.2064
496.	912.4	-7.8	-1.5	-1.5	-7.8	100.	3.2228	2.6297	1.1996
541.	907.1	-7.7	-1.5	-1.5	-7.7	100.	3.1047	2.6078	1.1930
586.	901.8	-7.5	-1.5	-1.5	-7.5	100.	3.0229	2.6516	1.1852
635.	896.2	-7.1	1.4	1.7	-7.1	100.	3.3655	2.7413	1.1762
685.	890.4	-7.3	2.2	2.4	-7.3	100.	3.3051	2.7641	1.1682
732.	885.1	-6.6	2.2	2.5	-6.6	100.	3.4246	2.7870	1.1638
781.	879.5	-6.5	3.5	3.5	-6.5	100.	3.4246	2.7870	1.1533
830.	874.0	-7.0	3.5	3.8	-7.0	100.	3.3949	2.7639	1.1467
878.	868.8	-7.1	4.0	4.2	-7.1	100.	3.3655	2.7410	1.1394
927.	863.5	-7.2	4.0	4.7	-7.2	100.	3.3363	2.7182	1.1322
971.	858.2	-7.4	4.6	5.1	-7.4	100.	3.2787	2.6733	1.1250
1044.	852.3	-7.6	5.0	5.4	-7.6	100.	3.2222	2.6290	1.1181
1095.	844.6	-7.8	5.5	5.7	-7.8	100.	3.1662	2.5854	1.1117
1152.	838.6	-8.0	5.7	6.1	-8.0	100.	3.1112	2.5425	1.1043
1211.	832.2	-8.3	6.0	6.4	-8.3	100.	3.0325	2.4793	1.0971
1275.	825.7	-8.5	6.3	6.7	-8.6	100.	2.9517	2.4176	1.0892
1351.	817.3	-8.8	6.6	7.3	-8.8	100.	2.8682	2.3772	1.0819
1424.	809.7	-9.1	7.2	7.7	-9.1	100.	2.8244	2.3178	1.0706
1498.	801.5	-9.1	8.1	8.5	-9.1	100.	2.8244	2.3177	1.0603
1565.	795.6	-9.2	8.7	9.1	-9.2	100.	2.7985	2.2981	1.0515
1628.	788.6	-9.3	9.2	9.6	-9.3	100.	2.7748	2.2787	1.0435
1698.	781.4	-9.4	9.9	10.3	-9.4	100.	2.7523	2.2595	1.0343
1757.	772.5	-9.6	10.6	10.9	-9.6	100.	2.7220	2.2215	1.0233
1862.	765.0	-9.7	11.2	11.5	-9.7	100.	2.6791	2.2027	1.0135
1938.	757.4	-9.8	11.7	12.3	-9.8	100.	2.6544	2.1840	1.0041
2005.	750.0	-9.8	12.1	12.9	-9.8	100.	2.6325	2.1655	0.9958
2065.	744.4	-10.0	13.1	14.1	-10.0	100.	2.6077	2.1471	0.9881
2125.	738.8	-10.0	13.7	14.5	-10.0	100.	2.5845	2.1471	0.9807
2185.	733.1	-10.0	14.1	14.9	-10.0	100.	2.5615	2.1105	0.9745
2244.	727.4	-10.0	14.5	15.3	-10.0	100.	2.5388	2.0929	0.9680
2303.	722.0	-10.0	15.0	15.4	-10.0	100.	2.5160	2.0574	0.9617
2363.	717.2	-10.0	15.4	15.9	-10.0	100.	2.4934	2.0222	0.9554
2414.	712.1	-10.0	15.9	16.5	-10.0	100.	2.4707	1.9880	0.9495
2474.	707.5	-11.0	16.5	17.0	-11.0	100.	2.4481	1.9544	0.9432
2534.	701.1	-11.0	17.0	17.5	-11.0	100.	2.4255	1.9211	0.9377
2594.	695.8	-11.0	17.5	18.0	-11.0	100.	2.4029	1.8877	0.9323
2654.	690.3	-11.0	17.7	18.5	-11.0	100.	2.3803	1.8541	0.9277
2714.	684.7	-12.0	18.1	19.0	-12.0	100.	2.3577	1.8205	0.9231
2774.	679.1	-12.0	18.5	19.5	-12.0	100.	2.3351	1.7869	0.9185

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M+3)	RHO (KG/M+3)
2942.	664.6	-12.4	19.9	20.2	-12.4	100.	2.1324	1.7471	0.8896
3022.	659.4	-12.6	20.3	20.7	-12.6	100.	2.0546	1.7170	0.8873
3059.	654.5	-13.0	20.5	20.8	-13.0	100.	1.9910	1.6583	0.8871
3117.	649.5	-13.4	20.7	21.0	-13.4	100.	1.9198	1.6015	0.8872
3178.	644.3	-13.8	20.9	21.2	-13.8	100.	1.8510	1.5465	0.8870
3242.	638.9	-14.2	21.1	21.5	-14.2	100.	1.7844	1.4931	0.8866
3306.	633.5	-14.6	21.2	21.8	-14.6	100.	1.7195	1.4416	0.8865
3366.	628.5	-15.3	21.3	21.6	-15.3	100.	1.6125	1.3558	0.8859
3424.	623.7	-15.7	21.5	21.7	-15.7	100.	1.5538	1.3077	0.8846
3488.	618.4	-16.2	21.6	21.9	-16.2	100.	1.4832	1.2507	0.8839
3552.	613.2	-16.6	21.9	22.1	-16.6	100.	1.4289	1.2068	0.8833
3619.	607.7	-17.1	22.0	22.3	-17.1	100.	1.3735	1.1538	0.8827
3687.	602.2	-17.5	22.3	22.6	-17.5	100.	1.3132	1.1133	0.8821
3743.	597.7	-17.9	22.5	22.8	-17.9	100.	1.2546	1.0735	0.8816
3806.	592.7	-18.4	22.6	22.9	-18.4	100.	1.2255	1.0225	0.8811
3882.	586.7	-19.0	22.8	23.0	-19.0	100.	1.1344	0.9714	0.8805
3950.	581.3	-19.5	23.0	23.2	-19.5	100.	1.0863	0.9279	0.8799
4047.	574.8	-19.7	23.4	24.1	-19.7	100.	1.0065	0.9111	0.8796
4136.	566.9	-20.2	24.3	24.5	-20.2	100.	1.0157	0.8701	0.8781
4189.	563.2	-20.4	24.4	24.8	-20.4	100.	0.9954	0.8542	0.8771
4232.	559.6	-20.8	24.7	24.9	-20.8	100.	0.9587	0.8232	0.8773
4324.	552.7	-21.1	25.4	25.5	-21.1	100.	0.9312	0.8006	0.8764
4373.	549.0	-21.6	25.4	25.6	-21.6	100.	0.8877	0.7642	0.8761
4515.	538.5	-22.7	25.7	25.8	-22.7	100.	0.7448	0.6894	0.8749
4565.	534.8	-23.1	26.0	26.0	-23.1	100.	0.7651	0.6639	0.8745
4660.	527.9	-23.5	26.0	26.1	-23.5	100.	0.7079	0.6154	0.8738
4808.	517.3	-25.5	26.4	26.5	-25.5	100.	0.6346	0.5541	0.8726
4858.	513.7	-25.9	26.6	26.6	-25.9	100.	0.6158	0.5384	0.8722
4909.	510.1	-25.7	26.8	26.8	-25.7	100.	0.5916	0.5180	0.8718
4956.	506.8	-26.5	26.7	26.8	-26.5	100.	0.5632	0.4935	0.8715
5009.	503.1	-26.0	27.0	27.0	-26.0	100.	0.5433	0.4745	0.8711
5055.	499.9	-27.4	26.4	26.7	-27.4	100.	0.4831	0.4392	0.8703
5101.	496.7	-27.7	26.6	26.7	-27.7	100.	0.4831	0.4259	0.8705
5153.	493.3	-28.0	26.8	26.9	-28.0	100.	0.4495	0.4141	0.8701
5197.	490.1	-28.4	26.8	27.0	-28.4	100.	0.4497	0.3981	0.8698
5250.	486.5	-28.8	27.0	27.1	-28.8	100.	0.4310	0.3827	0.8694
5303.	482.9	-29.2	27.2	27.3	-29.2	100.	0.4141	0.3676	0.8690
5347.	479.9	-29.6	27.2	27.3	-29.6	100.	0.3999	0.3530	0.8686
5396.	476.6	-30.1	27.2	27.3	-30.1	100.	0.3772	0.3363	0.8683
5449.	473.1	-30.6	27.2	27.3	-30.6	100.	0.3538	0.3199	0.8679
5495.	470.0	-31.1	27.2	27.3	-31.1	100.	0.3332	0.3043	0.8676
5542.	466.9	-31.6	27.2	27.4	-31.6	100.	0.3258	0.2921	0.8673
5594.	463.5	-32.1	27.4	27.4	-32.1	100.	0.3123	0.2806	0.8669
5641.	460.4	-32.6	27.4	27.5	-32.6	100.	0.2983	0.2633	0.8665
5693.	457.0	-33.2	27.4	27.5	-33.2	100.	0.2838	0.2553	0.8662
5741.	453.9	-33.8	27.5	27.5	-33.8	100.	0.2720	0.2456	0.8659
5786.	451.0	-34.3	27.7	27.7	-34.3	100.	0.2634	0.2382	0.8655
5834.	447.9	-34.8	27.7	27.8	-34.8	100.	0.2552	0.2295	0.8651
5885.	444.4	-35.4	27.8	27.8	-35.4	100.	0.2417	0.2130	0.8646
5933.	441.6	-35.7	27.8	27.8	-35.7	100.	0.2311	0.2044	0.8642
5976.	438.9	-35.9	27.8	27.8	-35.9	100.	0.2217	0.2014	0.8638
6022.	436.0	-36.5	27.8	27.8	-36.5	100.	0.2123	0.1930	0.8634
6073.	433.0	-36.9	27.8	27.8	-36.9	100.	0.2032	0.1850	0.8630
6123.	429.9	-37.4	27.8	27.8	-37.4	100.	0.1933	0.1763	0.8627
6177.	426.3	-37.1	27.8	27.8	-37.1	100.	0.1761	0.1635	0.8623
6224.	423.0	-37.0	27.8	27.8	-37.0	100.	0.1585	0.1555	0.8619
6284.	418.0	-38.1	27.8	27.8	-38.1	100.	0.1469	0.1469	0.8617
6313.	415.1	-38.4	27.8	27.8	-38.4	100.	0.1421	0.1421	0.8615
6351.	412.0	-38.8	27.8	27.8	-38.8	100.	0.1367	0.1367	0.8613
6407.	409.3	-39.3	27.8	27.8	-39.3	100.	0.1274	0.1274	0.8610
6457.	406.5	-39.6	27.8	27.8	-39.6	100.	0.1147	0.1147	0.8606
6504.	403.7	-40.0	27.8	27.8	-40.0	100.	0.1066	0.1066	0.8603
6555.	400.3	-40.4	27.8	27.8	-40.4	100.	0.1132	0.1132	0.8600
6604.	397.1	-40.9	27.8	27.8	-40.9	100.	0.1176	0.1176	0.8597
6710.	394.1	-41.1	27.8	27.8	-41.1	100.	0.1134	0.1134	0.8594
6767.	391.1	-42.0	27.8	27.8	-42.0	100.	0.1081	0.1081	0.8591
6810.	388.4	-42.3	27.8	27.8	-42.3	100.	0.1031	0.1031	0.8588
6859.	385.8	-42.7	27.8	27.8	-42.7	100.	0.1031	0.1031	0.8585
6910.	382.9	-43.0	27.8	27.8	-43.0	100.	0.1031	0.1031	0.8582
7055.	374.7	-43.7	27.8	27.8	-43.7	100.	0.1031	0.1031	0.8579
7186.	371.9	-44.0	27.8	27.8	-44.0	100.	0.1031	0.1031	0.8576
7260.	366.4	-45.0	27.8	27.8	-45.0	100.	0.1031	0.1031	0.8573
7323.	360.9	-45.5	27.8	27.8	-45.5	100.	0.1031	0.1031	0.8570
7386.	355.9	-45.7	27.8	27.8	-45.7	100.	0.1031	0.1031	0.8567
7451.	350.2	-47.1	27.8	27.8	-47.1	100.	0.1031	0.1031	0.8564
7504.	345.0	-47.7	27.8	27.8	-47.7	100.	0.1031	0.1031	0.8561
7558.	340.1	-47.7	27.8	27.8	-47.7	100.	0.1031	0.1031	0.8558
7609.	334.2	-47.8	27.8	27.8	-47.8	100.	0.1031	0.1031	0.8555
7659.	330.0	-48.0	27.8	27.8	-48.0	100.	0.1031	0.1031	0.8552
7705.	325.7	-48.4	27.8	27.8	-48.4	100.	0.1031	0.1031	0.8549
7745.	320.6	-49.0	27.8	27.8	-49.0	100.	0.1031	0.1031	0.8546
7806.	313.9	-49.4	27.8	27.8	-49.4	100.	0.1031	0.1031	0.8543
7819.	313.9	-49.4	27.8	27.8	-49.4	100.	0.1031	0.1031	0.8540
7851.	308.2	-49.8	27.8	27.8	-49.8	100.	0.1031	0.1031	0.8537
7886.	302.5	-50.4	27.8	27.8	-50.4	100.	0.1031	0.1031	0.8534
7924.	296.8	-50.8	27.8	27.8	-50.8	100.	0.1031	0.1031	0.8531
7922.	292.8	-51.6	27.8	27.8	-51.6	100.	0.1031	0.1031	0.8528

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3+RHOW (G/M+3)	RHO (KG/M+3)
7955.	327.3	-52.1	31.0	31.1	-52.1	100.	0.03304	0.0298	0.5154
7955.	325.5	-52.2	31.0	31.1	-52.5	100.	0.02859	0.0284	0.5131
8051.	322.2	-52.3	30.4	30.4	-52.5	100.	0.02504	0.0251	0.5119
8089.	320.3	-54.0	30.0	30.0	-54.0	100.	0.02354	0.0236	0.5092
8121.	318.7	-54.0	30.0	30.0	-54.3	100.	0.02300	0.0227	0.5073
8135.	318.0	-54.7	29.9	29.9	-54.7	100.	0.02114	0.0216	0.5071
8151.	317.2	-55.0	29.7	29.7	-55.2	100.	0.0210	0.0208	0.5066

SOUNDING 9.0
 LATITUDE -61.3 LONGITUDE 2.9
 DATE 10-27-81 TIME 1150 GMT
 NUMBER OF LEVELS 19

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3+RHOW (G/M+3)	RHO (KG/M+3)
0.	963.0	-7.0	-4.7	-4.4	-6.5	92.	2.9734	2.4394	1.2657
58.	955.8	-9.1	-5.7	-5.4	-9.4	97.	2.7523	2.2611	1.2632
204.	937.9	-10.8	-6.0	-5.7	-10.9	99.	2.4086	1.9901	1.2474
274.	929.3	-11.5	-6.0	-5.7	-11.5	100.	2.2825	1.8902	1.2392
349.	920.3	-11.1	-4.8	-4.6	-12.0	92.	2.1820	1.8105	1.2252
530.	898.8	-12.8	-4.7	-4.5	-12.8	100.	2.0296	1.6891	1.2043
634.	890.0	-13.5	-4.7	-4.5	-13.5	100.	1.9043	1.5892	1.1957
641.	885.7	-15.0	-5.0	-5.7	-15.0	100.	1.6595	1.3929	1.1966
709.	877.8	-14.8	-5.0	-4.2	99.9	99.	1.6725	1.4054	1.1850
816.	865.5	-14.7	-3.8	-3.6	-15.0	97.	1.6594	1.3928	1.1680
850.	860.4	-15.7	-4.4	-4.2	-15.7	100.	1.5553	1.3099	1.1655
1084.	844.2	-13.0	-0.1	0.1	-13.5	96.	1.9040	1.5889	1.1320
1079.	835.9	-12.0	1.7	2.0	-12.5	96.	2.0849	1.7332	1.1168
1150.	828.2	-13.0	1.4	1.6	99.9	96.	1.9045	1.5899	1.1106
1512.	789.8	-12.1	6.1	6.4	99.9	96.	2.0656	1.7190	1.0557
1799.	760.7	-12.5	8.7	9.2	-13.0	96.	1.9019	1.6591	1.0183
1996.	741.2	-13.3	5.0	10.2	99.9	95.	1.8430	1.5381	0.9952
2079.	733.2	-13.7	10.8	11.1	-13.9	95.	1.8348	1.5335	0.9845
2165.	724.9	-13.3	11.7	12.0	-14.0	94.	1.8180	1.5201	0.9733

SOUNDING 10.0
 LATITUDE -62.0 LONGITUDE 2.4
 DATE 10-29-81 TIME 2243 GMT
 NUMBER OF LEVELS 38

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3+RHOW (G/M+3)	RHO (KG/M+3)
0.	990.0	-10.6	-9.4	-9.6	-12.2	87.	2.1436	1.7800	1.3153
44.	984.4	-11.3	-10.1	-9.9	99.9	90.	2.1032	1.7441	1.3114
98.	977.4	-11.8	-10.1	-9.9	94.9	95.	2.1185	1.7603	1.3046
140.	972.0	-12.1	-10.0	-9.8	-12.2	99.	2.1435	1.7798	1.2989
204.	964.0	-12.6	-9.9	-9.6	-12.7	99.	2.0486	1.7043	1.2906
260.	955.9	-13.2	-9.5	-9.7	-13.2	100.	1.9576	1.6318	1.2840
327.	948.5	-13.9	-10.0	-9.8	99.9	100.	1.8332	1.5352	1.2761
375.	942.5	-14.4	-10.0	-9.4	99.9	100.	1.7489	1.4672	1.2704
417.	937.0	-14.2	-10.0	-9.0	99.9	100.	1.6837	1.4146	1.2649
464.	931.5	-15.3	-10.0	-9.8	99.9	99.	1.6059	1.3517	1.2598
511.	925.6	-15.7	-10.0	-9.5	99.9	99.	1.5454	1.3028	1.2537
557.	920.0	-16.2	-10.0	-9.8	99.9	99.	1.4734	1.2445	1.2485
612.	913.3	-16.7	-10.0	-9.4	99.9	99.	1.4041	1.1892	1.2410
680.	905.1	-17.3	-9.9	-9.6	99.9	99.	1.3240	1.1237	1.2335
738.	898.0	-17.8	-9.7	-9.7	99.9	99.	1.2620	1.0724	1.2262
805.	890.3	-18.3	-9.7	-9.6	99.9	99.	1.2016	1.0230	1.2180
861.	883.4	-18.8	-9.7	-9.6	99.9	98.	1.1333	0.9671	1.2114
931.	875.1	-19.4	-9.5	-9.4	99.9	96.	1.0784	0.9220	1.2023
992.	867.9	-19.9	-9.4	-9.3	99.9	98.	1.0263	0.8791	1.1947
1042.	862.0	-20.0	-9.3	-9.2	99.9	98.	0.9862	0.8461	1.1885
1046.	855.8	-20.0	-9.3	-9.3	99.9	98.	0.9344	0.8067	1.1822
1142.	850.5	-21.1	-9.0	-9.0	99.9	98.	0.9104	0.7835	1.1763
1190.	844.9	-21.6	-9.2	-9.1	99.9	98.	0.8661	0.7468	1.1708
1245.	838.6	-22.1	-9.2	-9.1	99.9	97.	0.8237	0.7116	1.1644
1296.	832.8	-22.0	-9.1	-9.1	99.9	97.	0.7833	0.6780	1.1586
1333.	828.6	-21.1	-7.7	-7.6	-21.4	97.	0.8626	0.7435	1.1482
1368.	824.7	-20.9	-6.6	-6.6	-21.4	95.	0.9056	0.7794	1.1397
1402.	820.4	-20.5	-5.8	-5.7	-21.2	93.	0.9032	0.7940	1.1327
1455.	817.1	-20.4	-5.4	-5.3	-20.0	95.	0.9595	0.8164	1.1273
1468.	813.6	-20.4	-5.1	-4.9	-20.8	96.	0.9597	0.8240	1.1222
1502.	809.5	-20.0	-4.7	-4.5	-20.7	97.	0.9690	0.8317	1.1171
1533.	805.5	-20.4	-4.4	-4.3	-20.6	98.	0.9783	0.8394	1.1124
1568.	802.7	-20.5	-4.1	-4.0	-20.6	99.	0.9743	0.8394	1.1076
1600.	799.2	-20.4	-3.7	-3.6	-20.5	95.	0.9878	0.8472	1.1024
1632.	795.8	-20.4	-3.1	-3.1	-20.5	97.	0.9878	0.8471	1.0968
1644.	792.3	-20.0	-2.8	-2.8	-20.5	98.	0.9878	0.8471	1.0924
1645.	789.0	-20.4	-2.7	-2.6	-20.5	99.	0.9877	0.8471	1.0883
1726.	781.7	-20.4	-2.4	-2.2	-20.5	99.	0.9877	0.8471	1.0843

SOUNDING 11.0
 LATITUDE -62.2 LONGITUDE 2.8
 DATE 11- 2-81 TIME 1600 GMT
 NUMBER OF LEVELS 151

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (X)	E (MB)	1E+3+RHOW (G/M+3)	RHO (KG/M+3)
0.	983.6	-7.3	-6.1	-5.8	-9.7	81.	2.6806	2.2047	1.2913
2.	983.5	-7.9	-6.6	-6.4	99.9	81.	2.5455	2.0849	1.2937
43.	978.4	-8.9	-7.2	-7.0	99.9	82.	2.3552	1.9359	1.2918
83.	973.3	-9.3	-7.7	-7.5	99.9	83.	2.1776	1.7964	1.2898
127.	967.8	-9.7	-7.2	-7.0	99.9	84.	2.2404	1.8469	1.2816
169.	962.5	-10.2	-7.3	-7.1	99.9	84.	2.1653	1.7883	1.2769
216.	956.6	-10.7	-7.4	-7.1	99.9	85.	2.0946	1.7331	1.2715
260.	951.2	-11.1	-7.3	-7.1	99.9	86.	2.0421	1.6921	1.2662
297.	946.6	-11.4	-7.3	-7.1	99.9	87.	2.0054	1.6636	1.2615
346.	940.5	-11.8	-7.2	-7.0	99.9	88.	1.9572	1.6260	1.2552
389.	935.3	-12.2	-7.2	-7.0	99.9	89.	1.9065	1.5863	1.2502
438.	929.3	-12.5	-7.1	-6.9	99.9	90.	1.8766	1.5632	1.2436
493.	922.5	-12.8	-6.7	-6.5	99.9	91.	1.8493	1.5422	1.2360
547.	916.0	-13.3	-6.7	-6.5	99.9	92.	1.7890	1.4947	1.2295
592.	910.7	-13.6	-6.6	-6.4	99.9	93.	1.7579	1.4704	1.2238
626.	906.6	-12.2	-4.8	-4.6	-12.9	94.	2.3113	1.6746	1.2129
658.	902.8	-10.6	-2.2	-1.9	-11.3	99.	2.3236	1.9228	1.1971
692.	898.8	-9.6	-1.4	-1.2	-11.1	88.	2.3655	1.9567	1.1900
720.	895.6	-9.2	-0.8	-0.5	-10.9	66.	2.4382	1.9859	1.1840
752.	891.9	-8.6	-0.0	0.3	-10.7	95.	2.4516	2.0240	1.1774
785.	888.1	-8.6	0.5	0.8	-10.6	84.	2.4735	2.0414	1.1715
815.	884.7	-8.4	1.0	1.3	-10.4	84.	2.5180	2.0765	1.1662
846.	881.1	-8.0	1.3	2.1	-10.2	82.	2.5631	2.1121	1.1597
880.	877.3	-7.6	2.3	2.6	-10.2	81.	2.5631	2.1121	1.1533
914.	873.4	-7.6	2.9	3.2	-10.0	81.	2.6090	2.1483	1.1479
947.	869.7	-7.5	3.3	3.6	-10.0	80.	2.6089	2.1482	1.1426
981.	865.9	-7.5	3.7	4.0	-10.1	80.	2.5858	2.1300	1.1376
1014.	862.3	-7.5	4.0	4.3	-10.2	79.	2.5629	2.1119	1.1324
1047.	858.6	-7.5	4.2	4.5	-10.2	80.	2.5529	2.1119	1.1285
1082.	854.8	-7.6	4.5	4.9	-10.2	80.	2.5628	2.1119	1.1235
1116.	851.0	-7.6	4.8	5.2	-10.2	79.	2.5401	2.0939	1.1185
1148.	847.5	-7.5	5.4	5.7	-10.3	78.	2.5401	2.0939	1.1135
1181.	844.9	-7.5	5.7	6.0	-10.4	77.	2.5175	2.0761	1.1087
1216.	840.2	-7.6	5.9	6.3	-10.5	77.	2.4952	2.0585	1.1043
1247.	836.8	-7.5	6.4	6.7	-10.4	77.	2.5175	2.0761	1.0994
1281.	833.2	-7.7	6.5	6.8	-10.3	80.	2.5359	2.0939	1.0955
1314.	829.6	-7.9	6.5	7.0	-10.2	82.	2.5626	2.1117	1.0916
1346.	826.2	-8.0	6.9	7.2	-10.3	82.	2.5398	2.0937	1.0876
1380.	822.6	-8.4	6.8	7.1	-10.5	83.	2.4950	2.0587	1.0844
1413.	819.1	-8.7	6.8	7.1	-10.6	85.	2.4728	2.0498	1.0810
1450.	815.2	-9.0	6.0	7.2	-10.7	86.	2.4509	2.0234	1.0771
1482.	811.8	-9.1	7.1	7.4	-11.0	84.	2.3859	1.9721	1.0730
1517.	809.2	-9.5	7.0	7.3	-11.1	87.	2.3447	1.9552	1.0698
1557.	804.0	-10.0	7.1	7.4	-11.2	88.	2.3435	1.9385	1.0655
1585.	801.0	-10.2	7.0	7.3	-11.3	91.	2.3226	1.9219	1.0631
1623.	797.7	-10.4	7.0	7.3	-11.4	91.	2.3018	1.9055	1.0587
1658.	793.3	-10.4	7.0	7.3	-11.5	91.	2.2812	1.8891	1.0539
1693.	789.4	-10.3	8.0	8.3	-11.6	89.	2.2608	1.8729	1.0487
1731.	786.0	-10.3	8.7	9.0	-11.8	89.	2.2334	1.8409	1.0424
1763.	782.7	-10.3	9.1	9.4	-11.9	84.	2.2335	1.8251	1.0380
1798.	779.2	-9.9	9.5	9.8	-11.9	84.	2.2335	1.8251	1.0329
1833.	775.6	-9.8	10.0	10.3	-11.9	83.	2.2114	1.8250	1.0278
1871.	771.8	-9.7	10.5	10.8	-12.0	91.	2.1807	1.8093	1.0224
1908.	768.1	-9.7	11.0	11.2	-12.0	91.	2.1807	1.8093	1.0175
1945.	764.5	-9.7	11.3	11.6	-12.3	79.	2.1324	1.7630	1.0127
1980.	761.0	-10.0	11.3	11.6	-12.4	81.	2.1032	1.7478	1.0092
2014.	757.5	-10.2	11.4	11.7	-12.5	82.	2.0843	1.7327	1.0058
2055.	753.6	-10.6	11.6	11.8	-12.5	84.	2.0842	1.7326	1.0016
2088.	750.4	-10.8	11.6	11.8	-12.8	84.	2.0283	1.6881	0.9981
2126.	746.7	-10.9	11.8	12.0	-13.2	81.	1.9559	1.6352	0.9935
2162.	743.2	-11.1	12.0	12.4	-13.4	81.	1.9206	1.6021	0.9896
2194.	739.9	-11.2	12.0	12.6	-13.7	80.	1.8687	1.5607	0.9855
2228.	736.8	-11.3	12.0	12.8	-13.9	79.	1.8348	1.5336	0.9818
2257.	734.2	-11.4	12.2	13.0	-14.0	82.	1.8141	1.5222	0.9803
2292.	730.7	-11.5	12.7	13.5	-14.1	81.	1.8015	1.5068	0.9755
2327.	727.3	-11.6	13.0	13.8	-14.4	80.	1.7536	1.4676	0.9713
2361.	724.1	-12.0	13.4	14.2	-14.5	79.	1.7207	1.4422	0.9674
2399.	720.5	-12.1	13.5	14.3	-14.6	79.	1.6437	1.4168	0.9629
2437.	716.5	-12.2	14.0	14.1	-15.1	77.	1.6431	1.3797	0.9584
2474.	713.3	-12.3	14.4	14.3	-15.3	76.	1.6130	1.3555	0.9542
2508.	710.3	-12.4	14.4	14.4	-15.1	78.	1.6431	1.3797	0.9503
2546.	706.5	-12.4	14.4	14.1	-15.3	76.	1.6130	1.3554	0.9453
2574.	703.3	-12.5	14.5	14.2	-15.4	77.	1.5931	1.3435	0.9422
2614.	700.5	-12.7	15.0	15.4	-15.6	77.	1.5686	1.3198	0.9383
2651.	697.1	-12.8	15.6	15.6	-15.6	78.	1.5487	1.3198	0.9344
2687.	693.8	-13.2	15.4	15.7	-15.7	79.	1.5547	1.3061	0.9311
2721.	690.7	-13.5	15.4	15.7	-15.9	80.	1.5254	1.2850	0.9280

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RH0W (G/4+*3)	RH0 (KG/M+*3)
2754.	687.7	-13.4	15.9	16.2	-16.1	78.	1.4975	1.2623	0.9236
2791.	684.4	-13.9	15.8	16.0	-16.2	81.	1.4836	1.2511	0.9209
2823.	681.5	-14.1	15.9	16.1	-16.4	81.	1.4562	1.2289	0.9177
2857.	678.4	-14.1	16.3	16.5	-16.4	81.	1.4562	1.2289	0.9135
2886.	675.8	-14.5	16.1	16.4	-16.7	82.	1.4159	1.1964	0.9114
2928.	672.1	-14.8	16.2	16.5	-16.9	82.	1.3897	1.1751	0.9074
2961.	669.2	-15.1	16.3	16.5	-17.2	82.	1.3511	1.1438	0.9045
2998.	665.9	-15.3	16.5	16.7	-17.4	82.	1.3260	1.1234	0.9008
3033.	662.8	-15.2	17.0	17.2	-17.5	81.	1.3135	1.1133	0.8962
3072.	659.4	-15.6	16.9	17.1	-17.6	83.	1.3012	1.1033	0.8930
3119.	655.3	-15.8	17.2	17.4	-17.6	85.	1.3012	1.1033	0.8881
3153.	652.3	-16.1	17.3	17.5	-17.8	85.	1.2769	1.0835	0.8851
3197.	648.5	-16.4	17.4	17.6	-17.6	89.	1.3011	1.1032	0.8810
3233.	645.4	-16.4	17.8	18.0	-17.3	92.	1.3384	1.1335	0.8768
3271.	642.2	-16.8	17.8	18.0	-17.1	97.	1.3637	1.1540	0.8739
3313.	638.6	-16.8	18.2	18.5	-16.9	99.	1.3895	1.1749	0.8690
3343.	636.0	-16.9	18.5	18.7	-17.0	99.	1.3765	1.1644	0.8658
3379.	633.0	-17.2	18.5	18.7	-17.2	100.	1.3509	1.1436	0.8627
3417.	629.8	-17.4	18.7	18.9	99.9	100.	1.3244	1.1245	0.8590
3449.	627.1	-17.7	18.7	18.9	99.9	100.	1.2865	1.0934	0.8563
3484.	624.2	-17.6	19.0	19.2	99.9	100.	1.2732	1.0826	0.8526
3516.	621.5	-18.0	19.1	19.3	99.9	100.	1.2483	1.0622	0.8496
3559.	617.9	-18.1	19.5	19.7	99.9	100.	1.2351	1.0514	0.8450
3596.	614.9	-18.1	19.9	20.1	99.9	99.	1.2339	1.0504	0.8409
3626.	612.4	-18.3	20.0	20.2	99.9	99.	1.2098	1.0306	0.8381
3667.	609.0	-18.3	20.5	20.7	99.9	99.	1.2085	1.0295	0.8335
3694.	606.8	-18.7	20.3	20.5	99.9	99.	1.1626	0.9920	0.8317
3736.	603.4	-18.6	20.9	21.1	-18.7	99.	1.1724	0.9984	0.8268
3780.	599.9	-19.0	20.9	21.1	-15.0	100.	1.1394	0.9714	0.8232
3822.	596.5	-19.0	20.7	20.9	99.9	100.	1.0760	0.9212	0.8205
3855.	593.8	-19.6	21.1	21.3	-19.6	100.	1.0760	0.9195	0.8168
3895.	590.6	-19.9	21.2	21.4	99.9	99.	1.0357	0.8877	0.8133
3937.	587.3	-20.0	21.6	21.8	-20.2	98.	1.0158	0.8702	0.8091
3975.	584.3	-20.2	21.8	21.9	-20.5	97.	0.9869	0.8464	0.8055
4012.	581.4	-20.6	21.7	21.9	-20.7	99.	0.9680	0.8309	0.8028
4051.	578.3	-21.1	21.6	21.8	99.9	99.	0.9131	0.7906	0.8001
4091.	575.2	-21.4	21.7	21.9	99.9	98.	0.8877	0.7652	0.7967
4129.	572.2	-21.7	21.8	21.9	99.9	98.	0.8583	0.7407	0.7935
4177.	568.5	-21.5	22.5	22.7	-21.8	97.	0.8701	0.7501	0.7877
4212.	565.8	-22.0	22.4	22.5	99.9	97.	0.8286	0.4814	0.7853
4247.	563.1	-22.0	22.2	22.3	99.9	97.	0.7893	0.4584	0.7831
4290.	559.7	-22.0	22.4	22.6	99.9	97.	0.7740	0.4495	0.7791
4331.	556.7	-22.3	22.6	22.7	99.9	97.	0.7515	0.4365	0.7757
4372.	553.6	-22.2	22.8	22.9	99.9	97.	0.7365	0.4280	0.7720
4409.	550.8	-22.3	22.7	22.9	99.9	97.	0.7084	0.4114	0.7693
4446.	548.0	-22.3	23.4	23.6	99.9	97.	0.7225	0.4196	0.7648
4467.	544.9	-22.4	23.2	23.3	99.9	97.	0.6839	0.3955	0.7623
4526.	542.0	-22.4	23.2	23.3	99.9	97.	0.6544	0.3801	0.7594
4569.	538.8	-22.4	23.4	23.5	99.9	97.	0.6415	0.3726	0.7555
4616.	535.3	-22.4	23.7	23.8	99.9	97.	0.6288	0.3652	0.7512
4655.	532.5	-22.9	23.7	23.8	99.9	97.	0.6042	0.3509	0.7485
4694.	529.6	-22.9	24.3	24.4	99.9	97.	0.6102	0.3545	0.7441
4727.	527.2	-23.3	24.4	24.5	99.9	97.	0.5982	0.3474	0.7413
4773.	523.9	-23.7	24.5	24.6	99.9	97.	0.5746	0.3338	0.7379
4804.	521.6	-23.7	24.5	25.0	99.9	97.	0.5746	0.3338	0.7346
4846.	518.6	-26.0	24.7	24.9	99.9	97.	0.5464	0.3174	0.7319
4885.	515.8	-26.4	25.0	25.1	99.9	97.	0.5355	0.3110	0.7285
4917.	513.5	-26.9	24.7	24.8	99.9	97.	0.5091	0.2957	0.7267
4960.	510.5	-27.0	24.7	25.0	99.9	97.	0.4878	0.2869	0.7234
4998.	507.8	-27.4	25.1	25.2	99.9	97.	0.4838	0.2810	0.7201
5030.	505.5	-27.5	25.2	25.3	99.9	97.	0.4741	0.2754	0.7174
5073.	502.5	-27.5	25.5	25.6	99.9	97.	0.4789	0.2782	0.7129
5122.	499.1	-27.1	25.7	25.8	99.9	97.	0.4564	0.2616	0.7093
5152.	497.0	-28.0	25.5	25.6	99.9	97.	0.4274	0.2485	0.7082
5227.	491.8	-29.9	25.4	25.5	99.9	97.	0.3940	0.2289	0.7031
5263.	488.4	-29.9	25.6	25.7	99.9	97.	0.3859	0.2242	0.7001
5303.	486.6	-29.9	26.1	26.1	99.9	97.	0.3859	0.2242	0.6962
5339.	484.1	-30.0	25.7	25.8	99.9	97.	0.3628	0.2106	0.6943
5367.	482.2	-30.1	25.9	26.0	99.9	97.	0.3664	0.2128	0.6913
5407.	479.5	-31.0	25.2	25.4	99.9	97.	0.3246	0.1897	0.6906
5446.	476.6	-31.1	26.0	26.1	99.9	97.	0.3335	0.1937	0.6863
5483.	469.1	-32.0	26.0	27.0	99.9	97.	0.3001	0.1743	0.6720
5529.	462.7	-32.0	26.4	26.4	99.9	97.	0.2757	0.1601	0.6708
5578.	457.5	-32.4	26.6	26.7	99.9	97.	0.2586	0.1502	0.6649

SOUNDING 12.0
 LATITUDE -61.2 LONGITUDE 2.0
 DATE 11-2-61 TIME 0853 GMT
 NUMBER OF LEVELS 54

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (M)	1F+3*RHO (G/M**3)	RHO (KG/M**3)
0.	982.8	-6.6	-5.5	-4.5	-7.4	93.	3.2804	2.6747	1.2871
26.	979.5	-6.6	-5.6	-4.5	-7.4	93.	3.2804	2.6747	1.2871
104.	969.7	-6.6	-7.1	-7.1	-7.4	94.	3.2804	2.6747	1.2871
126.	961.9	-10.4	-7.2	-7.2	-7.4	94.	3.2804	2.6747	1.2871
237.	953.1	-11.1	-7.3	-7.3	-7.4	94.	3.2804	2.6747	1.2871
297.	945.6	-11.6	-7.4	-7.4	-7.4	95.	3.2804	2.6747	1.2871
355.	938.5	-12.3	-7.4	-7.4	-7.4	95.	3.2804	2.6747	1.2871
422.	933.3	-11.1	-6.4	-6.4	-7.4	95.	3.2804	2.6747	1.2871
476.	923.8	-10.3	-5.9	-5.9	-7.4	96.	3.2804	2.6747	1.2871
523.	918.2	-9.5	-5.5	-5.5	-7.4	96.	3.2804	2.6747	1.2871
572.	912.4	-7.7	0.1	0.1	-7.4	96.	3.2804	2.6747	1.2871
613.	907.6	-6.1	1.0	1.0	-7.4	96.	3.2804	2.6747	1.2871
647.	903.6	-6.1	1.6	1.6	-7.4	96.	3.2804	2.6747	1.2871
686.	899.2	-6.1	2.2	2.2	-7.4	96.	3.2804	2.6747	1.2871
734.	893.6	-5.5	2.4	2.4	-7.4	96.	3.2804	2.6747	1.2871
787.	887.6	-5.6	3.7	3.7	-7.4	96.	3.2804	2.6747	1.2871
845.	881.1	-5.7	4.1	4.1	-7.4	96.	3.2804	2.6747	1.2871
904.	874.5	-5.8	4.6	4.6	-7.4	96.	3.2804	2.6747	1.2871
954.	868.9	-6.2	4.9	4.9	-7.4	96.	3.2804	2.6747	1.2871
1012.	862.5	-6.4	5.1	5.1	-7.4	96.	3.2804	2.6747	1.2871
1131.	849.4	-6.3	6.4	6.4	-7.4	96.	3.2804	2.6747	1.2871
1185.	843.6	-6.3	7.0	7.0	-7.4	96.	3.2804	2.6747	1.2871
1238.	837.9	-6.4	7.4	7.4	-7.4	96.	3.2804	2.6747	1.2871
1295.	831.8	-6.6	7.6	7.6	-7.4	96.	3.2804	2.6747	1.2871
1347.	826.2	-6.8	8.1	8.1	-7.4	96.	3.2804	2.6747	1.2871
1400.	820.6	-6.6	8.6	8.6	-7.4	96.	3.2804	2.6747	1.2871
1452.	814.6	-7.0	9.1	9.1	-7.4	96.	3.2804	2.6747	1.2871
1515.	808.6	-7.4	9.2	9.2	-7.4	96.	3.2804	2.6747	1.2871
1586.	801.3	-8.2	9.1	9.1	-7.4	96.	3.2804	2.6747	1.2871
1651.	794.6	-8.7	9.2	9.2	-7.4	96.	3.2804	2.6747	1.2871
1725.	787.8	-9.1	9.6	9.6	-7.4	96.	3.2804	2.6747	1.2871
1856.	773.8	-9.4	10.6	11.0	-7.4	96.	3.2804	2.6747	1.2871
1916.	767.8	-9.3	11.4	11.8	-7.4	96.	3.2804	2.6747	1.2871
1975.	761.9	-9.1	12.2	12.6	-7.4	96.	3.2804	2.6747	1.2871
2034.	756.1	-9.1	12.7	13.2	-7.4	96.	3.2804	2.6747	1.2871
2103.	749.4	-9.8	13.0	13.4	-7.4	96.	3.2804	2.6747	1.2871
2175.	742.4	-9.8	13.6	14.0	-7.4	96.	3.2804	2.6747	1.2871
2237.	736.5	-10.1	13.9	14.3	-7.4	96.	3.2804	2.6747	1.2871
2302.	730.3	-10.3	14.4	14.8	-7.4	96.	3.2804	2.6747	1.2871
2371.	723.8	-10.0	15.1	15.5	-7.4	96.	3.2804	2.6747	1.2871
2436.	717.7	-10.4	15.7	16.1	-7.4	96.	3.2804	2.6747	1.2871
2499.	711.8	-10.8	16.0	16.3	-7.4	96.	3.2804	2.6747	1.2871
2568.	705.5	-11.3	16.1	16.5	-7.4	96.	3.2804	2.6747	1.2871
2635.	699.3	-11.7	16.4	16.8	-7.4	96.	3.2804	2.6747	1.2871
2699.	693.5	-12.2	16.6	16.9	-7.4	96.	3.2804	2.6747	1.2871
2770.	687.1	-12.6	16.9	17.2	-7.4	96.	3.2804	2.6747	1.2871
2832.	681.7	-13.1	17.0	17.4	-7.4	96.	3.2804	2.6747	1.2871
2966.	669.6	-14.0	17.5	17.8	-7.4	96.	3.2804	2.6747	1.2871
3149.	653.6	-15.2	18.3	18.3	-7.4	96.	3.2804	2.6747	1.2871
3214.	648.0	-15.4	18.6	18.6	-7.4	96.	3.2804	2.6747	1.2871
3345.	636.8	-16.1	19.3	19.5	-7.4	96.	3.2804	2.6747	1.2871
3400.	632.2	-16.3	19.6	19.6	-7.4	96.	3.2804	2.6747	1.2871
3464.	626.8	-16.8	19.8	20.0	-7.4	96.	3.2804	2.6747	1.2871
3592.	616.2	-18.0	19.9	20.1	-7.4	96.	3.2804	2.6747	1.2871
3655.	611.0	-18.1	20.4	20.7	-7.4	96.	3.2804	2.6747	1.2871
3781.	603.7	-19.0	20.7	21.0	-7.4	96.	3.2804	2.6747	1.2871
3839.	596.1	-19.4	21.0	21.3	-7.4	96.	3.2804	2.6747	1.2871
3911.	590.3	-19.7	21.5	21.7	-7.4	96.	3.2804	2.6747	1.2871
4154.	571.2	-21.4	22.3	22.4	-7.4	96.	3.2804	2.6747	1.2871
4223.	565.8	-21.6	22.5	22.6	-7.4	96.	3.2804	2.6747	1.2871
4352.	555.6	-22.4	23.4	23.6	-7.4	96.	3.2804	2.6747	1.2871
4414.	551.3	-22.7	23.7	23.8	-7.4	96.	3.2804	2.6747	1.2871
4749.	526.5	-25.5	23.7	23.8	-7.4	96.	3.2804	2.6747	1.2871
4818.	521.5	-26.0	24.0	24.0	-7.4	96.	3.2804	2.6747	1.2871
4885.	516.7	-26.6	24.4	24.4	-7.4	96.	3.2804	2.6747	1.2871
4949.	512.1	-27.5	24.6	24.4	-7.4	96.	3.2804	2.6747	1.2871
5008.	507.9	-28.6	24.6	24.4	-7.4	96.	3.2804	2.6747	1.2871
5088.	502.3	-28.6	24.6	24.4	-7.4	96.	3.2804	2.6747	1.2871
5158.	497.4	-28.7	25.4	25.4	-7.4	96.	3.2804	2.6747	1.2871
5294.	488.0	-30.9	25.5	25.5	-7.4	96.	3.2804	2.6747	1.2871
5426.	479.2	-32.1	26.0	26.0	-7.4	96.	3.2804	2.6747	1.2871
5771.	458.2	-32.9	27.5	27.5	-7.4	96.	3.2804	2.6747	1.2871
5832.	452.7	-33.3	28.0	28.0	-7.4	96.	3.2804	2.6747	1.2871
5903.	447.7	-33.7	28.1	28.1	-7.4	96.	3.2804	2.6747	1.2871
5979.	442.5	-34.1	28.5	28.6	-7.4	96.	3.2804	2.6747	1.2871
6047.	439.8	-34.6	28.8	28.9	-7.4	96.	3.2804	2.6747	1.2871
6114.	434.4	-35.1	29.0	29.0	-7.4	96.	3.2804	2.6747	1.2871
6189.	429.7	-35.6	29.4	29.4	-7.4	96.	3.2804	2.6747	1.2871
6256.	425.6	-36.6	29.8	29.8	-7.4	96.	3.2804	2.6747	1.2871
6407.	415.4	-37.7	29.8	29.8	-7.4	96.	3.2804	2.6747	1.2871

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
6477.	412.2	-37.7	30.1	30.2	99.9	100.	0.1666	0.5968	0.6109
6667.	400.9	-39.2	30.4	30.6	99.9	100.	0.1499	0.5819	0.5979
6824.	391.8	-39.8	31.1	31.3	99.9	100.	0.1317	0.5765	0.5850
6873.	389.0	-40.1	32.0	32.1	99.9	100.	0.1273	0.5739	0.5815
6958.	384.2	-40.4	32.7	32.8	99.9	100.	0.1231	0.5715	0.5791
7020.	380.7	-40.9	32.9	32.9	99.9	100.	0.1162	0.5675	0.5711
7072.	377.6	-41.5	32.7	32.6	99.9	100.	0.1185	0.5683	0.5682
7330.	363.8	-43.1	34.0	34.0	99.9	100.	0.0902	0.5524	0.5506
7382.	360.8	-43.4	34.0	34.0	99.9	100.	0.0871	0.5506	0.5471
7523.	353.3	-43.2	33.7	33.7	99.9	100.	0.0705	0.5410	0.5400
7634.	349.0	-45.8	34.2	34.2	99.9	100.	0.0672	0.5391	0.5343
7745.	341.7	-47.2	33.9	33.9	99.9	100.	0.0555	0.5232	0.5269
7797.	339.0	-48.0	33.5	33.5	99.9	100.	0.0504	0.5293	0.5245

SOUNDING 13.6
 LATITUDE -62.3 LONGITUDE 2.9
 DATE 11-2-91 TIME 1630 GMT
 NUMBER OF LEVELS 71

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	971.9	-1.5	0.4	1.0	-1.9	99.	5.2431	4.1893	1.2519
64.	964.1	-2.2	0.6	1.2	99.9	99.	5.0704	4.0763	1.2436
141.	954.8	-2.8	0.8	1.3	99.9	99.	4.8211	3.8837	1.2342
223.	944.9	-3.4	1.0	1.5	99.9	99.	4.5831	3.6994	1.2240
311.	934.5	-3.9	1.4	1.9	99.9	99.	4.3929	3.5519	1.2126
401.	923.9	-4.3	1.8	2.3	99.9	99.	4.2459	3.4378	1.2006
490.	913.4	-4.8	2.2	2.7	99.9	99.	4.0686	3.2999	1.1890
578.	903.3	-4.5	3.4	3.9	99.9	99.	4.1737	3.3819	1.1747
658.	894.1	-3.9	4.8	5.4	99.9	99.	4.3918	3.5517	1.1604
716.	887.6	-2.5	6.9	7.5	99.9	99.	4.9420	3.9787	1.1464
775.	881.1	-1.9	8.4	9.0	99.9	99.	5.3281	4.2774	1.1346
854.	872.3	-1.9	8.9	9.5	99.9	99.	5.1961	4.1756	1.1244
930.	864.0	-2.6	8.9	9.5	99.9	99.	4.8999	3.9467	1.1164
984.	858.2	-2.9	9.2	9.8	99.9	99.	4.7777	3.8521	1.1101
1042.	851.6	-3.4	9.2	9.8	99.9	99.	4.5802	3.6991	1.1039
1125.	843.0	-3.5	9.7	10.3	99.9	99.	4.4276	3.5806	1.0939
1174.	837.8	-3.9	10.1	10.6	99.9	99.	4.3901	3.5516	1.0875
1182.	845.4	-4.5	9.2	9.8	99.9	99.	4.3532	3.5227	1.0977
1350.	819.2	-4.5	11.2	11.8	99.9	99.	4.1713	3.3816	1.0656
1421.	811.9	-4.7	11.8	12.3	99.9	99.	4.1006	3.3266	1.0569
1514.	802.3	-5.1	12.3	12.9	99.9	99.	3.9626	3.2191	1.0459
1571.	796.5	-5.5	12.5	13.0	99.9	99.	3.8290	3.1148	1.0398
1718.	781.7	-6.7	12.7	13.2	99.9	99.	3.4524	2.8200	1.0248
1788.	774.7	-7.1	13.1	13.6	99.9	99.	3.3636	2.7503	1.0167
1860.	767.6	-7.4	13.8	13.9	99.9	99.	3.2485	2.6599	1.0089
1993.	754.5	-8.4	13.8	14.2	99.9	99.	2.9765	2.4457	0.9952
2067.	747.4	-9.5	13.9	14.3	99.9	99.	2.8234	2.3248	0.9880
2148.	740.3	-9.1	14.6	15.0	99.9	99.	2.7985	2.3052	0.9790
2212.	733.5	-9.7	14.7	15.1	99.9	99.	2.6538	2.1906	0.9721
2279.	727.1	-10.2	14.9	15.2	99.9	99.	2.5386	2.0992	0.9654
2357.	719.3	-10.7	15.1	15.3	99.9	99.	2.4278	2.0112	0.9574
2433.	712.7	-11.3	15.3	15.6	99.9	99.	2.3009	1.9101	0.9501
2503.	706.2	-12.0	15.4	15.6	99.9	99.	2.1604	1.7980	0.9430
2608.	696.5	-12.7	15.6	16.0	99.9	99.	2.0278	1.6920	0.9333
2693.	688.8	-13.1	16.1	16.4	99.9	99.	1.9554	1.6339	0.9243
2762.	682.6	-13.6	16.3	16.6	99.9	99.	1.8683	1.5603	0.9177
2845.	675.2	-14.1	16.7	17.0	99.9	99.	1.7847	1.4933	0.9095
2947.	665.1	-14.6	17.2	17.5	99.9	97.	1.6734	1.4040	0.8989
2996.	661.8	-15.0	17.2	17.5	99.9	96.	1.5978	1.3432	0.8944
3067.	655.6	-15.4	17.6	17.9	99.9	96.	1.5396	1.2963	0.8874
3141.	649.2	-15.8	18.4	18.6	99.9	96.	1.5339	1.3079	0.8791
3222.	642.3	-15.9	18.6	18.9	99.9	99.	1.4973	0.8697	0.8707
3301.	635.5	-16.5	19.7	19.5	99.9	98.	1.4154	0.8224	0.8635
3380.	628.5	-17.0	19.4	19.5	99.9	98.	1.3512	0.7848	0.8561
3454.	622.7	-17.0	19.4	19.6	99.9	98.	1.2771	0.7418	0.8496
3528.	616.0	-18.0	19.8	20.0	99.9	98.	1.2298	0.7143	0.8426
3603.	610.4	-18.5	20.0	20.3	99.9	98.	1.1729	0.6813	0.8357
3680.	605.1	-19.1	20.1	20.3	99.9	98.	1.1179	0.6435	0.8304
3749.	599.6	-19.8	20.2	20.4	99.9	98.	1.0552	0.6019	0.8240
3827.	592.3	-20.0	20.5	20.7	99.9	98.	0.9876	0.5737	0.8166
3892.	587.1	-20.9	20.7	20.8	99.9	98.	0.9412	0.5467	0.8110
3960.	582.0	-21.4	21.0	21.1	99.9	98.	0.8949	0.5158	0.8032
4041.	576.3	-22.0	21.0	21.1	99.9	98.	0.8377	0.4866	0.7980
4122.	569.0	-22.7	21.1	21.2	99.9	98.	0.7823	0.4544	0.7919
4197.	561.2	-23.0	21.3	21.5	99.9	98.	0.7448	0.4326	0.7854
4350.	551.0	-24.0	21.3	21.5	99.9	98.	0.6635	0.3983	0.7724
4502.	540.1	-25.0	22.0	22.7	99.9	98.	0.5992	0.3477	0.7598
4581.	534.2	-25.9	22.0	22.7	99.9	98.	0.5692	0.3306	0.7530
4659.	528.5	-26.6	22.5	22.6	99.9	98.	0.5251	0.3055	0.7473
4733.	523.1	-27.7	22.7	22.6	99.9	97.	0.4942	0.2870	0.7415
4814.	517.2	-28.0	22.6	22.6	99.9	96.	0.4600	0.2672	0.7352

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
4892.	511.6	-28.4	23.2	23.3	99.9	98.	0.4415	0.2564	0.7284
4979.	505.4	-29.3	23.2	23.3	99.9	98.	0.4024	0.2337	0.7222
5127.	496.4	-30.4	23.4	23.4	99.9	98.	0.3589	0.2085	0.7126
5184.	491.0	-31.7	22.7	22.8	99.9	98.	0.3131	0.1819	0.7086
5258.	485.9	-32.2	23.3	23.4	99.9	98.	0.2970	0.1725	0.7027
5341.	480.2	-32.7	23.3	23.4	99.9	98.	0.2817	0.1636	0.6959
5428.	474.3	-33.0	24.0	24.1	99.9	98.	0.2728	0.1584	0.6882
5496.	469.7	-33.3	23.7	23.8	99.9	98.	0.2477	0.1439	0.6841
5585.	463.8	-34.6	23.9	24.0	99.9	98.	0.2297	0.1334	0.6774
5665.	458.5	-35.5	23.8	23.8	99.9	98.	0.2084	0.1210	0.6722
5912.	442.4	-37.2	24.7	24.7	99.9	98.	0.1729	0.1004	0.6533
6073.	432.2	-38.7	24.8	24.8	99.9	98.	0.1463	0.0850	0.6423

SOUNDING 14.3
 LATITUDE -52.3 LONGITUDE 3.0
 DATE 11-2-81 TIME 1855 GMT
 NUMBER OF LEVELS 32

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	969.7	-0.4	1.4	2.1	-1.6	94.	5.3759	4.2897	1.2451
5.	967.1	-1.1	1.3	1.9	-1.9	94.	5.2874	3.8711	1.2440
10.	964.7	-1.5	1.5	2.0	-2.0	94.	5.1143	2.9706	1.2375
15.	962.3	-2.0	1.7	2.2	-2.2	94.	4.9051	2.8491	1.2285
20.	945.6	-2.5	1.8	2.3	-2.3	94.	4.6645	2.7093	1.2203
274.	936.6	-2.9	2.0	2.7	-2.7	94.	4.5481	2.6417	1.2102
344.	928.5	-3.3	2.3	3.0	-3.0	94.	4.3972	2.5540	1.2012
414.	920.3	-3.8	2.7	3.1	-3.1	94.	4.2150	2.4482	1.1927
487.	911.9	-4.1	3.1	3.5	-3.5	94.	4.1390	2.3866	1.1831
557.	903.8	-4.5	3.4	3.8	-3.8	94.	3.9714	2.3067	1.1743
629.	895.6	-4.9	3.7	4.1	-4.1	94.	3.8381	2.2293	1.1653
702.	887.3	-5.3	4.0	4.4	-4.4	94.	3.7398	2.1542	1.1562
771.	879.5	-5.6	4.4	4.8	-4.8	94.	3.6145	2.0994	1.1472
839.	871.9	-5.9	4.8	5.3	-5.3	94.	3.5528	2.0636	1.1382
905.	864.6	-6.2	5.3	5.6	-5.6	94.	3.6454	2.1174	1.1274
979.	856.5	-6.5	5.8	6.1	-6.1	94.	3.7402	2.1725	1.1157
1048.	848.3	-6.9	6.2	6.5	-6.5	94.	3.7722	2.1911	1.1056
1116.	841.6	-7.2	6.4	6.8	-6.8	94.	3.7722	2.1913	1.0959
1185.	834.3	-7.5	6.8	7.2	-7.2	94.	3.8044	2.2097	1.0861
1257.	826.6	-7.8	7.2	7.6	-7.6	94.	3.7719	2.1909	1.0764
1334.	818.6	-8.1	7.6	8.0	-8.0	94.	3.7397	2.1721	1.0664
1406.	811.1	-8.4	8.0	8.4	-8.4	94.	3.6446	2.1169	1.0578
1476.	803.9	-8.7	8.4	8.8	-8.8	94.	3.5518	2.0633	1.0496
1543.	797.0	-9.0	8.8	9.2	-9.2	94.	3.4611	2.0103	1.0417
1622.	789.2	-9.3	9.2	9.6	-9.6	94.	3.4313	1.9930	1.0319
1686.	782.6	-9.6	9.6	10.0	-10.0	94.	3.3435	1.9420	1.0244
1762.	775.0	-9.9	10.0	10.4	-10.4	94.	3.2295	1.8758	1.0159
1834.	767.9	-7.4	13.4	13.9	-13.9	94.	3.0922	1.7960	1.0084
1903.	761.1	-7.7	13.8	14.3	-14.3	94.	3.0123	1.7496	1.0006
1974.	754.2	-7.9	14.4	14.8	-14.8	94.	2.9601	1.7193	0.9922

SOUNDING 15.3
 LATITUDE -52.3 LONGITUDE 3.0
 DATE 11-2-81 TIME 2054 GMT
 NUMBER OF LEVELS 18

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	969.7	-1.0	1.3	2.1	-1.3	98.	5.5119	4.3933	1.2444
5.	967.0	-1.3	1.4	2.2	-1.6	98.	5.4663	3.1750	1.2427
10.	964.1	-1.6	1.6	2.2	-1.9	98.	5.3761	3.1226	1.2373
15.	961.8	-1.9	1.8	2.4	-2.2	98.	5.1565	2.9951	1.2277
20.	944.8	-2.4	2.0	2.6	-2.6	98.	4.9039	2.8483	1.2185
272.	936.1	-2.9	2.2	2.8	-2.8	98.	4.7320	2.7311	1.2094
344.	928.9	-3.3	2.7	3.0	-3.0	98.	4.5499	2.6404	1.1979
414.	914.7	-3.7	3.1	3.6	-3.6	98.	4.3575	2.5312	1.1855
486.	906.0	-4.0	3.4	3.9	-3.9	98.	4.1763	2.4257	1.1764
556.	897.5	-4.3	3.8	4.2	-4.2	98.	4.0220	2.3245	1.1688
626.	889.7	-4.6	4.1	4.5	-4.5	98.	3.8674	2.2463	1.1628
696.	881.3	-4.9	4.5	4.9	-4.9	98.	3.7369	2.1705	1.1549
766.	873.0	-5.2	4.8	5.2	-5.2	98.	3.6411	2.1152	1.1453
836.	864.4	-5.5	5.2	5.6	-5.6	98.	3.4878	2.0252	1.1361
906.	856.6	-5.8	5.6	6.0	-6.0	98.	3.3400	1.9400	1.1279
976.	848.0	-6.1	6.0	6.4	-6.4	98.	3.1702	1.8414	1.1204
1046.	844.3	-6.4	6.4	6.8	-6.8	98.	3.0614	1.7781	1.1134
1094.	842.9	-6.7	6.8	7.2	-7.2	98.	2.9561	1.7170	1.1104

SOUNDING 16.0
 LATITUDE -62.3 LONGITUDE 3.0
 DATE 11- 2-81 TIME 2118 GMT
 NUMBER OF LEVELS 60

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	966.3	-1.0	1.5	2.1	-1.3	98.	5.5119	4.3933	1.2438
2.	966.1	-1.0	1.5	2.1	99.9	98.	5.5120	4.4136	1.2436
39.	963.6	-1.1	1.8	2.4	99.9	98.	5.4687	4.3805	1.2383
97.	956.6	-1.5	2.0	2.5	99.9	98.	5.2932	4.2456	1.2310
157.	949.4	-1.8	2.3	2.8	99.9	98.	5.1661	4.1477	1.2230
219.	942.0	-2.2	2.5	3.0	99.9	98.	4.9996	4.0195	1.2151
278.	935.0	-2.5	2.7	3.3	99.9	98.	4.8787	3.9263	1.2074
344.	927.3	-2.9	3.0	3.5	99.9	98.	4.7209	3.8045	1.1991
408.	919.6	-3.3	3.2	3.7	99.9	98.	4.5677	3.6869	1.1911
461.	913.6	-3.7	3.3	3.9	99.9	98.	4.4185	3.5705	1.1847
513.	907.6	-4.0	3.6	4.1	99.9	98.	4.3101	3.4864	1.1782
566.	901.6	-4.4	3.7	4.2	99.9	98.	4.1686	3.3765	1.1721
622.	895.2	-4.7	3.9	4.4	99.9	98.	4.0660	3.2968	1.1650
677.	888.9	-5.2	4.0	4.4	99.9	98.	3.8984	3.1663	1.1588
734.	882.5	-5.5	4.2	4.7	99.9	98.	3.8018	3.0912	1.1517
790.	876.2	-5.9	4.4	4.8	99.9	98.	3.6757	2.9928	1.1451
851.	869.4	-6.3	4.6	5.0	99.9	99.	3.5536	2.8974	1.1379
917.	862.1	-6.8	4.7	5.1	99.9	99.	3.4258	2.7817	1.1303
973.	855.9	-7.3	4.8	5.2	99.9	99.	3.2632	2.6699	1.1242
1023.	850.4	-7.6	5.0	5.4	99.9	99.	3.1809	2.6053	1.1182
1072.	845.1	-7.9	5.3	5.5	99.9	99.	3.1005	2.5421	1.1124
1120.	839.8	-8.1	5.5	5.8	99.9	99.	3.0484	2.5012	1.1063
1166.	834.9	-8.4	5.6	6.0	99.9	99.	2.9705	2.4402	1.1010
1215.	829.6	-8.6	5.9	6.3	99.9	99.	2.9209	2.4008	1.0948
1269.	823.8	-8.9	6.1	6.5	99.9	99.	2.8466	2.3422	1.0884
1330.	817.4	-9.4	6.2	6.6	99.9	99.	2.7257	2.2467	1.0819
1382.	811.9	-9.8	6.3	6.7	99.9	99.	2.6324	2.1730	1.0762
1441.	805.7	-10.1	6.6	7.0	99.9	99.	2.5650	2.1196	1.0691
1494.	800.1	-10.3	7.0	7.3	99.9	99.	2.5214	2.0851	1.0625
1553.	794.0	-10.4	7.5	7.8	99.9	99.	2.5008	2.0688	1.0548
1611.	787.1	-10.7	7.6	8.1	99.9	99.	2.4364	2.0177	1.0481
1671.	781.5	-10.9	8.2	8.5	99.9	99.	2.3949	1.9848	1.0406
1735.	775.4	-11.2	8.5	8.9	99.9	100.	2.3332	1.9358	1.0331
1806.	769.3	-11.5	9.0	9.3	99.9	100.	2.2731	1.8880	1.0248
1881.	763.8	-11.6	9.6	10.0	99.9	100.	2.2547	1.8735	1.0152
1968.	758.2	-11.7	10.5	10.8	99.9	100.	2.2368	1.8593	1.0041
2033.	746.8	-11.9	10.9	11.2	99.9	100.	2.1986	1.8289	0.9963
2094.	739.9	-12.0	11.0	11.8	-12.0	100.	2.1824	1.8091	0.9888
2147.	734.0	-12.1	11.3	12.2	-12.1	100.	2.1608	1.7935	0.9824
2193.	730.4	-12.2	12.3	12.6	-12.2	100.	2.1413	1.7780	0.9768
2247.	726.2	-12.5	12.6	12.9	-12.5	100.	2.0840	1.7324	0.9710
2297.	720.5	-12.7	12.9	13.2	-12.7	100.	2.0465	1.7026	0.9654
2349.	715.6	-13.0	13.1	13.4	-13.0	100.	1.9915	1.6588	0.9599
2400.	710.8	-13.3	13.3	13.6	-13.3	100.	1.9379	1.6169	0.9545
2443.	706.8	-13.6	13.4	13.7	-13.6	100.	1.8856	1.5742	0.9502
2485.	702.9	-13.8	13.7	14.0	-13.8	100.	1.8514	1.5468	0.9457
2527.	699.0	-14.0	13.9	14.2	-14.0	100.	1.8178	1.5199	0.9411
2571.	695.0	-14.1	14.2	14.6	-14.1	100.	1.8012	1.5066	0.9361
2612.	691.2	-14.3	14.5	14.8	-14.3	100.	1.7688	1.4804	0.9317
2656.	687.2	-14.5	14.8	15.0	-14.5	100.	1.7363	1.4545	0.9270
2704.	682.9	-14.8	14.9	15.2	99.9	100.	1.6890	1.4201	0.9222
2751.	678.6	-15.1	15.1	15.4	99.9	100.	1.6429	1.3828	0.9175
2804.	673.9	-15.4	15.4	15.6	-15.4	100.	1.5979	1.3433	0.9121
2850.	669.8	-15.7	15.5	15.9	-15.7	100.	1.5541	1.3080	0.9076
2903.	665.1	-16.2	15.5	15.8	99.9	100.	1.4835	1.2538	0.9030
2957.	660.3	-16.7	15.6	15.8	99.9	100.	1.4158	1.1988	0.8981
3012.	655.5	-17.1	15.7	16.0	-17.1	100.	1.3638	1.1541	0.8930
3071.	650.3	-17.7	15.7	15.9	99.9	100.	1.2890	1.0955	0.8879
3138.	644.5	-18.2	15.9	16.1	-18.2	100.	1.2295	1.0449	0.8817
3209.	639.4	-18.9	15.9	16.1	-18.9	100.	1.1505	0.9805	0.8757

SOUNDING 17.0
 LATITUDE -62.3 LONGITUDE 3.1
 DATE 11- 3-81 TIME 2316 GMT
 NUMBER OF LEVELS 51

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	965.5	-4.2	-1.5	-1.1	-6.2	84.	3.6339	2.9542	1.2535
29.	961.9	-4.6	-1.6	-1.2	-4.6	100.	4.1747	3.3684	1.2511
73.	956.6	-5.1	-1.7	-1.3	-5.2	99.	3.9660	3.2072	1.2464
106.	952.5	-5.4	-1.7	-1.2	-5.6	98.	3.8323	3.1036	1.2424
160.	946.0	-5.9	-1.6	-1.2	-6.0	99.	3.7026	3.0031	1.2361
200.	941.2	-6.2	-1.5	-1.1	-6.3	99.	3.6079	2.9296	1.2312
251.	935.1	-6.6	-1.4	-1.1	-6.7	99.	3.4852	2.8342	1.2249
303.	928.8	-7.1	-1.4	-1.1	-7.1	100.	3.3663	2.7416	1.2189
343.	924.1	-7.5	-1.4	-1.1	-7.5	100.	3.2517	2.6518	1.2145

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RH0W (G/M+3)	RH0 (KG/M+3)
384.	919.2	-7.9	-1.4	-1.1	-7.9	100.	3.1396	2.5647	1.2098
427.	914.1	-8.3	-1.4	-1.1	-9.9	100.	3.0252	2.4841	1.2248
471.	908.9	-8.7	-1.4	-1.1	-9.9	100.	2.9165	2.3974	1.1997
516.	903.7	-9.1	-1.4	-1.1	-9.9	99.	2.8124	2.3134	1.1346
560.	898.5	-9.5	-1.3	-1.0	-9.9	99.	2.7079	2.2322	1.1354
607.	893.5	-9.9	-1.3	-1.0	-9.9	99.	2.6090	2.1547	1.1945
647.	888.5	-10.3	-1.3	-1.0	-9.9	99.	2.5117	2.0777	1.1796
687.	883.8	-10.7	-1.3	-1.0	-9.9	99.	2.4212	2.0044	1.1751
729.	879.4	-11.0	-1.2	-0.9	-9.9	99.	2.3357	1.9504	1.1705
766.	874.8	-11.3	-1.1	-0.8	-9.9	99.	2.2571	1.8975	1.1657
802.	870.7	-11.6	-1.1	-0.8	-9.9	99.	2.1822	1.8463	1.1616
840.	866.4	-11.9	-1.0	-0.7	-9.9	99.	2.1111	1.8111	1.1567
880.	861.8	-12.1	-0.9	-0.6	-9.9	99.	2.0430	1.7623	1.1518
925.	856.6	-12.5	-0.7	-0.5	-9.9	99.	1.9789	1.6996	1.1468
962.	852.0	-12.7	-0.6	-0.4	-9.9	99.	1.9191	1.6671	1.1422
998.	848.6	-12.7	-0.5	-0.3	-9.9	99.	1.8631	1.6644	1.1367
1037.	844.3	-12.3	-0.5	-0.3	-12.6	97.	1.8111	1.7187	1.1297
1083.	839.2	-12.5	0.9	1.1	-12.7	58.	2.0476	1.7035	1.1233
1135.	833.5	-12.9	1.1	1.2	-13.6	99.	1.9425	1.6596	1.1173
1184.	828.1	-13.5	0.4	1.1	99.	99.	1.8466	1.0956	1.1121
1249.	821.1	-13.9	1.1	1.3	99.	99.	1.8189	1.0565	1.1044
1346.	810.6	-14.7	1.3	1.5	99.	99.	1.6901	0.9817	1.0936
1377.	807.3	-14.9	1.4	1.6	99.	99.	1.6592	0.9637	1.0900
1419.	802.8	-15.2	1.5	1.7	99.	99.	1.6139	0.9374	1.0851
1466.	797.9	-15.5	1.7	1.9	99.	99.	1.5697	0.9117	1.0797
1509.	793.3	-15.7	1.9	2.1	99.	99.	1.5408	0.8950	1.0743
1553.	788.7	-16.0	2.0	2.2	99.	99.	1.4985	0.8704	1.0697
1594.	784.4	-16.1	2.4	2.6	99.	99.	1.4486	0.8623	1.0635
1635.	780.3	-16.4	2.5	2.6	99.	99.	1.4436	0.8385	1.0596
1673.	776.2	-16.6	2.7	2.8	99.	99.	1.4169	0.8239	1.0548
1718.	771.6	-17.0	2.7	2.9	99.	99.	1.3649	0.7927	1.0502
1759.	767.3	-17.2	2.5	3.1	99.	99.	1.3394	0.7780	1.0451
1802.	762.9	-17.4	3.2	3.3	99.	99.	1.3145	0.7635	1.0399
1837.	759.4	-17.7	3.2	3.4	99.	99.	1.2779	0.7422	1.0363
1876.	755.4	-18.0	3.3	3.5	99.	99.	1.2422	0.7215	1.0321
1913.	751.7	-18.4	3.2	3.4	99.	99.	1.1461	0.6947	1.0286
1958.	747.2	-18.7	3.4	3.5	99.	99.	1.1621	0.6752	1.0236
2009.	742.1	-19.2	3.4	3.5	99.	99.	1.1085	0.6438	1.0186
2068.	736.2	-19.7	3.5	3.6	99.	99.	1.0557	0.6138	1.0125
2122.	730.8	-20.1	3.6	3.7	99.	99.	1.0170	0.5907	1.0066
2181.	725.0	-20.5	3.8	3.9	99.	99.	0.9786	0.5684	1.0002
2232.	720.0	-20.9	3.9	4.1	99.	99.	0.9415	0.5469	0.9949

SOUNDING 18.0
 LATITUDE -62.3 LONGITUDE 3.2
 DATE 11-3-82 TIME 0604 GMT
 NUMBER OF LEVELS 157

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RH0W (G/M+3)	RH0 (KG/M+3)
0.	963.2	-6.0	-3.1	-2.7	-6.3	97.	3.6083	2.9299	1.2589
39.	958.4	-6.2	-3.5	-3.2	-6.2	100.	3.4555	2.8111	1.2563
101.	950.8	-7.4	-3.2	-3.2	-7.4	100.	3.2800	2.6743	1.2440
163.	943.2	-8.0	-3.5	-3.2	-9.9	100.	3.1122	2.5517	1.2417
239.	934.1	-8.7	-3.5	-3.2	-9.9	100.	2.9754	2.4055	1.2329
320.	924.3	-9.4	-3.4	-3.1	-9.9	100.	2.7507	2.2656	1.2231
386.	916.4	-10.0	-3.4	-3.1	-9.9	100.	2.6379	2.1539	1.2153
465.	907.1	-10.6	-3.2	-2.9	-9.9	100.	2.4718	2.0456	1.2056
536.	898.7	-11.0	-2.9	-2.6	-9.9	100.	2.3347	1.9763	1.1962
605.	890.7	-11.4	-2.6	-2.3	-9.9	100.	2.2103	1.9092	1.1873
676.	882.4	-12.0	-2.5	-2.2	-9.9	100.	2.1791	1.8125	1.1789
742.	874.8	-12.4	-2.2	-2.0	-9.9	100.	2.1014	1.7595	1.1705
809.	867.2	-12.8	-2.0	-1.7	-9.9	100.	2.0363	1.6924	1.1620
878.	859.4	-13.2	-1.7	-1.5	-9.9	100.	1.9537	1.6322	1.1533
942.	852.2	-13.5	-1.4	-1.1	-9.9	100.	1.8757	1.5897	1.1446
1014.	844.1	-14.0	-1.1	-0.8	-9.9	100.	1.8115	1.5212	1.1362
1077.	837.1	-14.5	-0.8	-0.7	-9.9	100.	1.7410	1.4555	1.1280
1142.	829.9	-15.0	-0.5	-0.7	-9.9	100.	1.6656	1.3924	1.1203
1204.	823.1	-15.4	-0.7	-0.5	-9.9	100.	1.5952	1.3435	1.1138
1266.	816.4	-15.8	-0.6	-0.4	-9.9	100.	1.5297	1.2850	1.1069
1327.	809.8	-16.4	-0.5	-0.3	-9.9	100.	1.4642	1.2286	1.1000
1389.	803.2	-16.8	-0.2	-0.1	-9.9	100.	1.3997	1.1852	1.0927
1448.	796.8	-17.3	-0.2	0.0	-9.9	100.	1.3354	1.1329	1.0860
1499.	791.4	-17.6	0.1	0.2	-9.9	100.	1.2721	1.1025	1.0796
1554.	785.6	-17.9	0.3	0.5	-9.9	100.	1.2117	1.0729	1.0732
1610.	779.8	-18.3	0.5	0.6	-9.9	100.	1.2148	1.0344	1.0670
1662.	774.3	-18.7	0.6	0.7	-9.9	100.	1.1854	0.9973	1.0611
1717.	768.6	-19.1	0.7	0.8	-9.9	100.	1.1556	0.9614	1.0549
1771.	763.0	-19.5	0.8	0.9	-9.9	100.	1.1254	0.9182	1.0492
1828.	757.2	-19.9	1.0	1.1	-9.9	100.	1.0954	0.8931	1.0435
1882.	751.7	-20.4	1.1	1.2	-9.9	100.	1.0654	0.8528	1.0372
1930.	746.6	-20.9	1.2	1.2	-9.9	100.	1.0465	0.8141	1.0322

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
1982.	741.6	-21.4	1.0	1.2	99.9	100.	0.9017	0.7770	1.0270
2035.	736.3	-21.6	1.4	1.5	99.9	100.	0.8842	0.7626	1.0204
2089.	730.9	-21.9	1.6	1.8	99.9	100.	0.8587	0.7414	1.0141
2142.	725.6	-22.4	1.7	1.8	99.9	100.	0.8177	0.7074	1.0088
2199.	720.0	-22.4	2.3	2.4	99.9	100.	0.8175	0.7073	1.0010
2254.	714.6	-22.4	2.9	3.0	99.9	100.	0.8174	0.7072	0.9935
2306.	709.6	-22.2	3.6	3.8	99.9	100.	0.8334	0.7205	0.9858
2417.	698.9	-23.0	4.0	4.1	99.9	100.	0.7734	0.6681	0.9740
2469.	693.9	-23.3	4.2	4.3	99.9	99.	0.7479	0.6493	0.9681
2525.	688.6	-23.8	4.2	4.3	99.9	99.	0.7118	0.6192	0.9626
2579.	683.6	-24.0	4.6	4.7	99.9	99.	0.6977	0.6074	0.9564
2629.	678.9	-24.2	4.9	5.0	99.9	99.	0.6839	0.5959	0.9506
2682.	674.0	-24.2	5.5	5.6	99.9	99.	0.6839	0.5958	0.9437
2738.	668.8	-24.1	6.2	6.3	99.9	99.	0.6936	0.6014	0.9361
2791.	663.9	-24.4	6.5	6.6	99.9	99.	0.6702	0.5844	0.9303
2846.	658.9	-24.9	6.5	6.6	99.9	99.	0.6376	0.5570	0.9252
2905.	653.6	-25.1	6.9	7.0	99.9	99.	0.6249	0.5464	0.9185
2963.	648.4	-25.5	7.1	7.2	99.9	99.	0.6003	0.5257	0.9126
3020.	643.3	-26.0	7.2	7.3	99.9	99.	0.5708	0.5008	0.9072
3075.	638.4	-26.6	7.1	7.2	99.9	99.	0.5372	0.4725	0.9025
3130.	633.6	-27.0	7.3	7.4	99.9	99.	0.5157	0.4544	0.8971
3188.	628.5	-27.4	7.5	7.5	99.9	99.	0.4951	0.4369	0.8914
3244.	623.6	-27.8	7.6	7.7	99.9	99.	0.4753	0.4200	0.8858
3296.	619.1	-28.3	7.6	7.7	99.9	99.	0.4515	0.3998	0.8812
3353.	614.2	-28.9	7.8	7.7	99.9	99.	0.4244	0.3768	0.8764
3411.	609.2	-29.3	7.8	7.9	99.9	99.	0.4072	0.3620	0.8707
3473.	603.9	-29.9	7.8	7.9	99.9	99.	0.3826	0.3410	0.8652
3541.	598.2	-30.1	8.3	8.4	99.9	99.	0.3746	0.3342	0.8577
3595.	593.6	-30.8	8.1	8.2	99.9	99.	0.3482	0.3115	0.8536
3652.	588.9	-31.1	8.4	8.5	99.9	99.	0.3373	0.3022	0.8479
3704.	584.6	-31.8	8.2	8.3	99.9	99.	0.3133	0.2815	0.8441
3758.	579.1	-32.2	8.3	8.4	99.9	99.	0.3003	0.2702	0.8390
3814.	575.5	-32.6	8.5	8.6	99.9	99.	0.2878	0.2594	0.8337
3867.	571.2	-33.2	8.5	8.6	99.9	99.	0.2699	0.2439	0.8295
3925.	566.5	-33.7	8.5	8.5	99.9	99.	0.2558	0.2316	0.8244
3978.	562.2	-34.2	8.5	8.6	99.9	99.	0.2424	0.2199	0.8198
4039.	557.3	-34.4	9.0	9.0	99.9	99.	0.2372	0.2154	0.8134
4101.	552.4	-34.7	9.3	9.4	99.9	99.	0.2296	0.2087	0.8072
4160.	547.7	-34.6	10.2	10.2	99.9	99.	0.2321	0.2109	0.8000
4231.	542.2	-34.6	11.0	11.0	99.9	99.	0.2320	0.2108	0.7920
4297.	537.1	-34.6	11.7	11.8	99.9	99.	0.2320	0.2108	0.7846
4349.	533.1	-34.9	12.0	12.0	99.9	99.	0.2245	0.2043	0.7797
4409.	528.5	-35.4	12.1	12.1	99.9	99.	0.2126	0.1939	0.7746
4470.	523.9	-35.6	12.6	12.6	99.9	99.	0.2080	0.1899	0.7685
4530.	519.4	-36.0	12.8	12.8	99.9	99.	0.1991	0.1820	0.7632
4589.	515.6	-36.5	12.8	12.8	99.9	99.	0.1885	0.1726	0.7592
4641.	511.1	-36.9	13.0	13.1	99.9	99.	0.1803	0.1654	0.7538
4695.	507.1	-37.1	13.4	13.5	99.9	99.	0.1764	0.1619	0.7485
4751.	503.0	-37.5	13.6	13.6	99.9	99.	0.1687	0.1552	0.7437
4812.	498.6	-37.9	13.8	13.9	99.9	99.	0.1613	0.1487	0.7385
4866.	494.7	-38.4	13.9	13.9	99.9	99.	0.1526	0.1409	0.7343
4930.	490.1	-38.9	14.0	14.1	99.9	99.	0.1443	0.1335	0.7290
4993.	485.6	-39.6	14.9	14.9	99.9	99.	0.1333	0.1237	0.7244
5055.	481.3	-39.9	14.3	14.3	99.9	99.	0.1289	0.1197	0.7189
5116.	477.3	-40.1	14.7	14.7	99.9	99.	0.1260	0.1171	0.7136
5165.	473.5	-40.1	15.4	15.4	99.9	99.	0.1259	0.1171	0.7079
5213.	470.2	-39.8	16.3	16.4	-39.9	99.	0.1303	0.1210	0.7021
5259.	467.0	-39.7	17.0	17.0	-39.9	98.	0.1303	0.1210	0.6970
5309.	463.6	-39.6	17.7	17.8	-39.9	97.	0.1303	0.1210	0.6916
5368.	459.6	-40.1	17.8	17.9	-40.2	99.	0.1259	0.1171	0.6871
5425.	455.8	-40.3	18.3	18.3	-40.3	100.	0.1245	0.1158	0.6820
5482.	452.0	-40.4	18.9	18.9	-40.3	99.	0.1218	0.1134	0.6766
5547.	447.7	-40.3	19.8	19.8	-40.5	98.	0.1217	0.1133	0.6699
5624.	442.4	-41.0	19.9	19.9	-41.0	100.	0.1150	0.1073	0.6642
5702.	437.6	-41.1	20.7	20.7	-41.1	100.	0.1136	0.1061	0.6570
5764.	433.6	-41.3	21.2	21.2	-41.3	100.	0.1111	0.1038	0.6516
5825.	429.7	-41.6	21.6	21.6	-41.3	100.	0.1073	0.1005	0.6466
5881.	426.2	-41.7	22.1	22.2	-41.7	100.	0.1061	0.0993	0.6416
5931.	423.0	-41.8	22.6	22.7	-42.1	97.	0.1013	0.0950	0.6370
5978.	420.1	-42.2	22.7	22.7	-42.2	100.	0.1002	0.0940	0.6338
6030.	416.9	-42.3	23.2	23.3	-42.2	100.	0.0990	0.0930	0.6292
6085.	413.4	-42.2	24.0	24.0	-42.2	100.	0.1002	0.0940	0.6243
6127.	410.5	-42.3	24.5	24.5	-42.3	100.	0.0990	0.0929	0.6202
6174.	408.1	-42.6	24.7	24.7	-42.3	100.	0.0956	0.0899	0.6167
6227.	404.9	-42.9	24.6	25.0	-42.3	100.	0.0924	0.0869	0.6127
6277.	401.9	-43.1	25.3	25.3	-42.3	100.	0.0902	0.0850	0.6087
6324.	399.1	-43.6	25.3	25.3	-42.3	100.	0.0851	0.0804	0.6057
6373.	396.2	-43.8	25.6	25.6	-42.3	100.	0.0832	0.0786	0.6019
6415.	393.7	-44.1	25.8	25.8	-44.1	100.	0.0803	0.0760	0.5989
6465.	390.9	-44.5	25.9	25.9	-44.1	100.	0.0766	0.0726	0.5956
6509.	388.2	-44.6	26.1	26.1	-44.1	100.	0.0739	0.0702	0.5923
6559.	385.3	-44.7	26.8	26.9	-44.1	100.	0.0748	0.0710	0.5876
6606.	382.6	-44.4	27.2	27.2	-44.1	100.	0.0731	0.0694	0.5840
6659.	379.6	-44.9	27.2	27.2	-44.1	100.	0.0731	0.0694	0.5794
6711.	376.6	-44.8	28.7	28.7	-44.8	100.	0.0739	0.0702	0.5746

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
6765.	373.6	-45.2	28.8	28.8	99.9	100.	0.0703	0.0668	0.5710
6815.	370.8	-45.2	29.5	29.5	99.9	99.	0.0700	0.0665	0.5667
6873.	367.6	-45.2	30.2	30.2	-45.3	99.	0.0697	0.0663	0.5618
6922.	364.9	-45.4	30.6	30.6	99.9	99.	0.0681	0.0649	0.5582
6980.	361.7	-45.6	31.1	31.1	99.9	99.	0.0665	0.0633	0.5538
7034.	358.8	-45.6	31.8	31.8	-45.7	99.	0.0665	0.0633	0.5494
7086.	356.0	-45.8	32.2	32.2	-46.0	98.	0.0641	0.0612	0.5455
7137.	353.3	-46.3	32.2	32.2	-46.5	98.	0.0604	0.0578	0.5426
7186.	350.7	-47.1	31.8	31.8	99.9	98.	0.0549	0.0526	0.5405
7233.	348.2	-47.1	32.4	32.4	99.9	98.	0.0549	0.0527	0.5367
7277.	346.1	-47.3	32.6	32.7	99.9	98.	0.0536	0.0515	0.5339
7309.	344.2	-47.6	32.7	32.7	99.9	98.	0.0517	0.0497	0.5317
7359.	341.6	-47.9	33.0	33.0	99.9	98.	0.0499	0.0480	0.5283
7405.	339.2	-48.3	33.0	33.1	99.9	98.	0.0476	0.0458	0.5256
7452.	336.8	-48.2	33.6	33.6	99.9	98.	0.0482	0.0464	0.5216
7499.	334.4	-48.6	33.9	33.9	99.9	98.	0.0459	0.0443	0.5188
7548.	331.9	-48.9	34.1	34.2	99.9	98.	0.0442	0.0428	0.5156
7598.	329.4	-48.9	34.8	34.8	99.9	98.	0.0443	0.0428	0.5117
7646.	327.0	-49.1	35.2	35.2	99.9	98.	0.0432	0.0418	0.5085
7751.	321.8	-49.1	36.6	36.6	99.9	98.	0.0432	0.0418	0.5004
7855.	316.7	-49.2	37.9	37.9	99.9	98.	0.0427	0.0414	0.4927
7912.	314.0	-49.2	38.6	38.6	99.9	98.	0.0428	0.0414	0.4885
7958.	311.3	-49.3	39.3	39.3	99.9	98.	0.0423	0.0409	0.4845
8023.	308.7	-49.4	39.9	39.9	99.9	98.	0.0418	0.0404	0.4807
8074.	306.3	-49.5	40.4	40.4	99.9	98.	0.0413	0.0400	0.4771
8130.	303.7	-49.7	40.9	40.9	99.9	98.	0.0403	0.0391	0.4735
8188.	301.0	-49.6	41.8	41.9	99.9	98.	0.0408	0.0395	0.4691
8245.	298.4	-50.1	41.9	41.9	99.9	98.	0.0384	0.0373	0.4661
8304.	295.7	-50.6	42.0	42.0	99.9	98.	0.0361	0.0351	0.4629
8363.	293.0	-51.1	42.3	42.3	99.9	99.	0.0343	0.0335	0.4595
8424.	290.3	-51.2	42.8	42.9	99.9	99.	0.0335	0.0327	0.4557
8484.	287.6	-51.0	44.0	44.0	99.9	99.	0.0344	0.0335	0.4510
8557.	284.4	-51.0	45.0	45.0	99.9	99.	0.0344	0.0335	0.4460
8617.	281.8	-51.1	45.8	45.8	99.9	99.	0.0344	0.0336	0.4419
8686.	278.8	-50.3	47.1	47.1	-50.9	99.	0.0353	0.0344	0.4368
8752.	276.0	-51.0	47.7	47.7	99.9	99.	0.0345	0.0337	0.4328
8839.	272.3	-51.4	48.4	48.4	99.9	99.	0.0330	0.0322	0.4278
8880.	270.6	-51.5	48.2	48.2	99.9	100.	0.0310	0.0304	0.4261
8906.	269.5	-52.0	48.5	48.5	99.9	100.	0.0307	0.0301	0.4246
8947.	267.8	-52.2	48.8	48.8	-52.2	100.	0.0300	0.0294	0.4223

SOUNDING 19.0
 LATITUDE -62.3 LONGITUDE 3.2
 DATE 11-3-81 TIME 0857 GMT
 NUMBER OF LEVELS 138

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	961.8	-3.7	-0.7	-0.2	-3.7	100.	4.5364	3.6238	1.2471
29.	958.2	-5.5	-2.2	-1.8	99.9	100.	3.8654	3.1419	1.2503
92.	950.6	-6.3	-2.4	-2.0	99.9	100.	3.6081	2.9400	1.2439
149.	943.7	-6.9	-2.5	-2.1	99.9	100.	3.4255	2.7979	1.2375
193.	938.3	-7.3	-2.4	-2.1	99.9	100.	3.3084	2.7061	1.2322
242.	932.4	-7.8	-2.4	-2.1	99.9	100.	3.1673	2.5952	1.2267
292.	926.5	-8.2	-2.4	-2.0	99.9	100.	3.0584	2.5095	1.2207
340.	920.7	-8.7	-2.4	-2.1	99.9	100.	2.9271	2.4060	1.2152
387.	915.1	-9.1	-2.3	-2.0	99.9	100.	2.8257	2.3260	1.2096
437.	909.3	-9.5	-2.2	-1.9	99.9	100.	2.7276	2.2484	1.2037
484.	903.7	-9.9	-2.0	-1.9	99.9	100.	2.6326	2.1732	1.1980
541.	897.0	-10.5	-2.2	-1.9	99.9	100.	2.4958	2.0647	1.1918
590.	891.4	-11.0	-2.2	-2.0	99.9	100.	2.3867	1.9780	1.1865
633.	886.4	-11.4	-2.2	-2.0	99.9	100.	2.3027	1.9111	1.1816
674.	881.5	-11.7	-2.1	-1.9	99.9	100.	2.2414	1.8623	1.1765
711.	877.4	-11.8	-1.9	-1.6	99.9	100.	2.2213	1.8463	1.1714
750.	872.9	-12.0	-1.7	-1.4	99.9	100.	2.1816	1.8146	1.1662
792.	866.1	-12.3	-1.5	-1.3	99.9	100.	2.1233	1.7681	1.1611
834.	860.3	-12.6	-1.4	-1.2	99.9	100.	2.0664	1.7226	1.1560
880.	858.2	-12.9	-1.3	-1.0	99.9	100.	2.0109	1.6782	1.1504
925.	853.1	-13.3	-1.2	-1.0	99.9	100.	1.9391	1.6206	1.1453
972.	847.9	-13.6	-1.1	-0.8	99.9	100.	1.8667	1.5786	1.1395
1019.	842.6	-14.0	-1.0	-0.8	99.9	100.	1.8189	1.5241	1.1342
1065.	837.5	-14.3	-0.9	-0.6	99.9	100.	1.7696	1.4844	1.1286
1120.	831.4	-14.6	-0.6	-0.4	99.9	100.	1.7214	1.4456	1.1216
1171.	825.8	-15.0	-0.5	-0.3	99.9	100.	1.6591	1.3954	1.1158
1214.	821.1	-15.3	-0.4	-0.2	99.9	100.	1.6137	1.3588	1.1107
1261.	816.1	-15.6	-0.2	-0.2	99.9	100.	1.5695	1.3230	1.1052
1305.	811.3	-15.7	0.1	0.3	99.9	100.	1.5550	1.3113	1.0991
1345.	807.0	-15.8	0.5	0.7	99.9	100.	1.5406	1.2996	1.0937
1387.	802.5	-16.2	0.5	0.7	99.9	100.	1.4843	1.2540	1.0892
1431.	797.8	-16.3	0.8	1.0	99.9	100.	1.4705	1.2428	1.0833
1474.	793.3	-16.4	1.2	1.3	99.9	100.	1.4569	1.2318	1.0776
1518.	788.6	-16.8	1.2	1.4	-16.8	100.	1.4034	1.1862	1.0728

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
1564.	783.8	-17.5	0.9	1.1	99.9	100.	1.3142	1.1157	1.0692
1609.	779.1	-17.7	1.2	1.3	99.9	100.	1.2897	1.0957	1.0636
1651.	774.7	-18.2	1.1	1.2	99.9	100.	1.2302	1.0472	1.0596
1698.	769.9	-18.3	1.5	1.6	99.9	100.	1.2186	1.0377	1.0534
1739.	765.6	-18.7	1.5	1.6	99.9	100.	1.1732	1.0006	1.0492
1783.	761.1	-19.0	1.6	1.8	99.9	100.	1.1402	0.9735	1.0442
1828.	756.5	-19.2	1.9	2.0	99.9	100.	1.1186	0.9559	1.0387
1872.	752.0	-19.8	1.7	1.8	99.9	100.	1.0563	0.9047	1.0349
1917.	747.5	-20.0	1.9	2.1	99.9	100.	1.0362	0.8882	1.0295
1958.	743.4	-20.5	1.8	2.0	99.9	100.	0.9876	0.8481	1.0259
2003.	738.8	-20.9	1.9	2.0	99.9	100.	0.9532	0.8172	1.0211
2047.	734.4	-21.3	1.9	2.0	99.9	100.	0.9141	0.7874	1.0166
2093.	729.9	-21.4	2.3	2.4	99.9	100.	0.9052	0.7801	1.0108
2135.	725.7	-21.7	2.4	2.5	99.9	100.	0.8792	0.7586	1.0061
2178.	721.5	-21.5	3.1	3.2	-21.5	100.	0.8964	0.7719	0.9995
2220.	717.4	-21.5	3.5	3.7	99.9	100.	0.8937	0.7705	0.9939
2262.	713.3	-21.7	3.6	3.9	99.9	99.	0.8738	0.7539	0.9890
2307.	708.9	-21.9	4.0	4.2	99.9	99.	0.8540	0.7374	0.9836
2346.	700.4	-22.2	4.7	4.8	99.9	98.	0.8240	0.7123	0.9730
2440.	696.2	-22.5	4.8	4.9	99.9	98.	0.7975	0.6902	0.9683
2482.	692.2	-22.9	4.8	4.9	99.9	98.	0.7644	0.6626	0.9642
2529.	687.8	-23.2	5.0	5.1	99.9	97.	0.7396	0.6418	0.9592
2575.	683.5	-22.8	5.9	6.1	-23.1	97.	0.7666	0.6643	0.9517
2619.	679.4	-23.1	6.1	6.2	99.9	97.	0.7407	0.6426	0.9472
2664.	675.2	-22.8	6.9	7.0	-23.2	96.	0.7590	0.6580	0.9402
2711.	670.9	-23.5	6.6	6.8	99.9	97.	0.7126	0.6192	0.9368
2758.	666.6	-23.6	7.0	7.2	99.9	97.	0.7097	0.6169	0.9312
2805.	662.3	-23.7	7.5	7.6	99.9	98.	0.7068	0.6146	0.9255
2856.	657.7	-24.1	7.6	7.7	99.9	98.	0.6835	0.5953	0.9206
2905.	653.3	-24.1	8.1	8.2	-24.2	99.	0.6876	0.5984	0.9144
2953.	649.0	-24.4	8.3	8.4	99.9	99.	0.6674	0.5810	0.9095
3001.	644.7	-24.9	8.3	8.4	99.9	99.	0.6349	0.5547	0.9052
3046.	640.7	-25.0	8.6	8.8	-25.1	99.	0.6286	0.5491	0.9000
3085.	637.3	-25.8	8.2	8.3	99.9	99.	0.5805	0.5090	0.8981
3132.	633.2	-26.1	8.3	8.4	99.9	99.	0.5636	0.4947	0.8934
3177.	629.2	-26.5	8.4	8.5	99.9	99.	0.5416	0.4762	0.8891
3220.	625.5	-26.8	8.5	8.6	99.9	99.	0.5257	0.4628	0.8850
3268.	621.3	-27.3	8.5	8.6	99.9	99.	0.5000	0.4410	0.8808
3310.	617.7	-27.7	8.5	8.6	99.9	99.	0.4803	0.4243	0.8771
3360.	613.4	-27.8	9.0	9.0	99.9	99.	0.4757	0.4205	0.8714
3405.	609.6	-28.6	8.5	8.6	99.9	99.	0.4386	0.3889	0.8688
3446.	606.1	-28.7	8.9	9.0	99.9	100.	0.4343	0.3852	0.8641
3492.	602.2	-28.2	10.0	10.1	99.9	100.	0.4575	0.4050	0.8568
3540.	598.2	-29.4	9.1	9.2	99.9	100.	0.4046	0.3539	0.8553
3587.	594.2	-29.7	9.3	9.4	99.9	100.	0.3924	0.3495	0.8506
3627.	590.9	-30.4	9.0	9.0	99.9	100.	0.3650	0.3260	0.8483
3674.	587.0	-30.6	9.3	9.3	99.9	100.	0.3577	0.3198	0.8434
3718.	583.4	-31.2	9.1	9.1	99.9	100.	0.3361	0.3012	0.8403
3772.	578.9	-31.0	9.9	10.0	-31.0	100.	0.3435	0.3074	0.8331
3819.	575.1	-31.4	10.0	10.0	99.9	100.	0.3294	0.2954	0.8290
3861.	571.7	-32.6	9.1	9.1	99.9	100.	0.2901	0.2615	0.8282
3906.	568.0	-32.7	9.5	9.5	99.9	100.	0.2870	0.2588	0.8232
3959.	563.8	-33.0	9.7	9.8	99.9	100.	0.2780	0.2510	0.8181
4007.	559.9	-33.5	9.7	9.7	99.9	100.	0.2635	0.2384	0.8141
4060.	555.7	-34.3	9.3	9.4	99.9	100.	0.2418	0.2195	0.8107
4109.	551.6	-34.8	9.3	9.4	99.9	100.	0.2291	0.2084	0.8067
4159.	547.9	-35.2	9.4	9.5	99.9	100.	0.2194	0.1998	0.8023
4208.	544.0	-35.5	9.6	9.7	99.9	100.	0.2123	0.1937	0.7976
4262.	539.8	-36.1	9.5	9.6	99.9	100.	0.1989	0.1818	0.7935
4316.	535.6	-36.1	10.2	10.2	99.9	100.	0.1989	0.1818	0.7873
4367.	531.7	-36.5	10.3	10.3	99.9	100.	0.1903	0.1743	0.7829
4416.	527.9	-35.5	12.1	12.1	-35.5	100.	0.2123	0.1936	0.7740
4464.	524.3	-35.6	12.5	12.6	99.9	100.	0.2093	0.1910	0.7691
4514.	520.5	-36.0	12.6	12.7	99.9	99.	0.1997	0.1825	0.7648
4561.	517.0	-35.9	13.3	13.3	99.9	99.	0.2012	0.1839	0.7593
4611.	513.3	-36.0	13.8	13.8	99.9	99.	0.1984	0.1813	0.7542
4660.	509.7	-36.6	13.6	13.7	99.9	98.	0.1851	0.1696	0.7508
4711.	505.9	-37.1	13.6	13.7	99.9	98.	0.1746	0.1603	0.7468
4758.	502.5	-37.4	13.8	13.8	99.9	98.	0.1683	0.1548	0.7427
4805.	499.1	-37.6	14.1	14.2	99.9	97.	0.1641	0.1510	0.7383
4853.	495.6	-37.9	14.3	14.4	99.9	97.	0.1582	0.1457	0.7340
4898.	492.4	-37.9	15.0	15.0	-38.1	97.	0.1594	0.1470	0.7290
4950.	488.7	-38.5	14.7	14.6	99.9	98.	0.1493	0.1379	0.7257
4996.	485.4	-38.8	14.9	15.0	99.9	99.	0.1459	0.1350	0.7217
5041.	482.2	-38.4	16.0	16.0	-38.4	100.	0.1542	0.1423	0.7157
5087.	479.0	-37.8	17.3	17.3	-37.8	100.	0.1646	0.1518	0.7092
5132.	475.9	-37.5	18.2	18.2	99.9	99.	0.1681	0.1546	0.7037
5177.	472.8	-37.3	19.0	19.0	99.9	97.	0.1695	0.1558	0.6985
5222.	469.7	-37.7	19.3	19.1	99.9	96.	0.1590	0.1472	0.6951
5266.	466.7	-37.4	19.9	20.0	-37.9	95.	0.1630	0.1501	0.6898
5311.	463.7	-37.7	20.1	20.1	-38.1	96.	0.1594	0.1470	0.6862
5357.	460.6	-38.3	19.9	19.9	99.9	96.	0.1495	0.1380	0.6834
5403.	457.5	-38.3	20.5	20.5	99.9	96.	0.1498	0.1383	0.6788
5451.	454.3	-38.1	21.3	21.4	99.9	96.	0.1536	0.1416	0.6734
6047.	416.4	-40.9	25.1	25.2	99.9	99.	0.1154	0.1077	0.6247

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
6096.	413.4	-41.0	25.6	25.7	99.9	100.	0.1144	0.1068	0.6204
6145.	413.4	-41.0	26.3	26.3	99.9	100.	0.1147	0.1070	0.6159
6195.	407.4	-41.3	26.5	26.5	-41.3	100.	0.1111	0.1038	0.6122
6240.	404.7	-41.3	27.1	27.1	-41.3	100.	0.1111	0.1038	0.6082
6290.	401.7	-41.5	27.4	27.5	-41.6	99.	0.1073	0.1004	0.6042
6338.	398.9	-42.0	27.4	27.4	99.9	99.	0.1013	0.0950	0.6013
6384.	396.2	-42.0	28.0	28.0	99.9	99.	0.1013	0.0950	0.5972
6481.	390.5	-42.6	28.4	28.5	-42.7	99.	0.0945	0.0889	0.5901
6532.	387.6	-42.8	28.8	28.8	-43.0	98.	0.0913	0.0859	0.5863
6624.	382.3	-42.9	30.0	30.0	-43.2	95.	0.0892	0.0840	0.5782
6679.	379.2	-43.3	30.0	30.1	-43.3	100.	0.0892	0.0831	0.5748
6731.	376.3	-43.4	30.6	30.6	-43.4	100.	0.0871	0.0822	0.5706
6781.	373.5	-43.9	30.6	30.6	99.9	100.	0.0820	0.0775	0.5676
6928.	365.4	-44.2	32.1	32.1	99.9	99.	0.0786	0.0744	0.5561
6981.	362.5	-44.1	32.9	32.9	-44.2	99.	0.0794	0.0751	0.5514
7033.	359.7	-44.1	33.6	33.6	-44.5	95.	0.0766	0.0726	0.5471
7083.	357.0	-44.1	34.2	34.3	-45.0	90.	0.0722	0.0686	0.5430
7134.	354.3	-44.1	34.9	34.9	-45.2	88.	0.0705	0.0670	0.5389
7225.	349.5	-45.0	34.9	34.9	-45.7	92.	0.0665	0.0633	0.5337

SOUNDING 20.0
 LATITUDE -62.3 LONGITUDE 2.9
 DATE 11- 3-81 TIME 1454 GMT
 NUMBER OF LEVELS 21

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	905.0	-4.0	-1.9	-1.5	-5.4	93.	3.8986	3.1552	1.2561
56.	959.1	-5.0	-1.8	-1.4	-5.8	93.	3.7671	3.0531	1.2490
120.	951.3	-5.7	-1.9	-1.5	-5.4	94.	3.5771	2.9056	1.2420
168.	945.4	-6.2	-1.9	-1.5	-6.8	95.	3.4553	2.8110	1.2365
225.	938.5	-6.7	-1.8	-1.5	-7.2	96.	3.3373	2.7191	1.2297
270.	933.1	-7.2	-1.9	-1.5	-7.6	97.	3.2231	2.6299	1.2249
320.	927.2	-7.6	-1.8	-1.5	-7.9	97.	3.1397	2.5648	1.2189
363.	922.0	-8.0	-1.8	-1.4	-8.3	97.	3.0317	2.4803	1.2138
413.	915.1	-8.3	-1.5	-1.3	-8.8	96.	2.9014	2.3782	1.2073
463.	910.2	-8.8	-1.6	-1.3	-9.2	97.	2.8008	2.2992	1.2018
513.	904.4	-9.3	-1.6	-1.3	-9.7	97.	2.6797	2.2040	1.1963
557.	899.8	-9.9	-1.8	-1.5	-10.3	97.	2.5406	2.0944	1.1920
612.	892.2	-10.0	-1.3	-1.1	-10.5	96.	2.4957	2.0589	1.1840
661.	887.1	-10.3	-1.2	-0.9	-10.8	96.	2.4297	2.0069	1.1777
957.	853.6	-11.7	0.4	0.7	99.9	96.	2.1420	1.7797	1.1391
1129.	834.5	-13.6	0.6	0.8	99.9	96.	1.8693	1.5617	1.1199
1172.	829.8	-13.7	0.5	0.7	-14.2	96.	1.7858	1.4943	1.1157
1297.	816.2	-14.5	0.5	0.7	99.9	96.	1.5935	0.9291	1.1019
1384.	806.9	-15.7	0.6	0.8	99.9	96.	1.4854	0.8628	1.0927
1497.	794.8	-16.3	1.1	1.3	99.9	96.	1.4048	0.8159	1.0788
1647.	779.1	-16.0	0.9	1.0	99.9	96.	1.1076	0.6956	1.0644

SOUNDING 21.0
 LATITUDE -62.2 LONGITUDE 1.1
 DATE 11- 5-81 TIME 0559 GMT
 NUMBER OF LEVELS 32

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	967.2	-9.3	-6.8	-6.5	-9.8	96.	2.6567	2.1859	1.2792
4.	966.0	-9.3	-6.7	-6.4	-9.3	100.	2.7769	2.2804	1.2786
42.	962.0	-9.8	-6.9	-6.6	99.9	100.	2.6557	1.5431	1.2741
105.	954.1	-10.0	-7.0	-6.7	99.9	100.	2.4983	1.4500	1.2669
169.	946.2	-11.1	-6.4	-6.7	99.9	100.	2.3660	1.3743	1.2592
231.	938.5	-11.7	-6.9	-6.7	99.9	100.	2.2419	1.3022	1.2518
302.	929.9	-12.5	-6.8	-6.6	99.9	100.	2.1238	1.2336	1.2431
362.	922.6	-12.8	-6.5	-6.3	99.9	100.	2.0619	1.2005	1.2347
412.	916.6	-12.8	-6.1	-5.8	99.9	100.	2.0669	1.2005	1.2270
458.	911.1	-12.7	-5.7	-5.5	99.9	100.	2.0482	1.1896	1.2198
505.	905.4	-12.5	-5.4	-5.2	99.9	100.	2.0113	1.1682	1.2131
551.	900.0	-13.0	-5.1	-4.8	99.9	100.	1.9431	1.1576	1.2063
594.	894.9	-13.3	-4.9	-4.7	99.9	100.	1.8794	1.1265	1.2008
639.	889.6	-13.7	-4.9	-4.7	99.9	100.	1.8699	1.0861	1.1955
686.	884.1	-14.0	-4.7	-4.5	99.9	100.	1.8141	1.0567	1.1895
732.	878.8	-14.3	-4.8	-4.4	99.9	100.	1.7696	1.0289	1.1837
782.	873.0	-14.6	-4.4	-4.2	99.9	100.	1.7217	1.0030	1.1772
830.	867.5	-14.9	-4.2	-4.0	99.9	100.	1.6746	0.9728	1.1712
877.	862.1	-15.3	-4.1	-3.9	99.9	100.	1.6140	0.9375	1.1657
930.	856.0	-15.6	-3.9	-3.7	99.9	100.	1.5698	0.9118	1.1587
983.	850.0	-16.1	-3.7	-3.5	99.9	100.	1.4995	0.8704	1.1528
1052.	842.3	-16.4	-3.5	-3.3	99.9	100.	1.4572	0.8464	1.1437
1104.	836.4	-16.7	-3.3	-3.1	99.9	100.	1.4169	0.8230	1.1370

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
1159.	830.3	-17.1	-3.1	-3.0	99.9	100.	1.3648	0.7927	1.1304
1215.	824.1	-17.5	-3.6	-2.8	99.9	100.	1.3144	0.7635	1.1237
1285.	816.5	-18.1	-2.9	-2.7	99.9	100.	1.2421	0.7214	1.1159
1341.	810.4	-18.6	-2.8	-2.7	99.9	100.	1.1846	0.6881	1.1097
1395.	804.5	-19.1	-2.8	-2.7	99.9	100.	1.1296	0.6561	1.1038
1473.	796.1	-19.8	-2.8	-2.6	99.9	100.	1.0565	0.6136	1.0953
1551.	787.7	-20.4	-2.6	-2.4	99.9	100.	0.9973	0.5793	1.0862
1615.	780.9	-20.9	-2.4	-2.3	99.9	100.	0.9503	0.5520	1.0790
1683.	773.8	-21.4	-2.3	-2.1	99.9	100.	0.9054	0.5259	1.0713

SOUNDING 22.0
 LATITUDE -62.2 LONGITUDE 1.2
 DATE 11-5-81 TIME 0858 GMT
 NUMBER OF LEVELS 195

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	965.8	-8.4	-5.6	-5.5	-9.6	90.	2.7042	2.2233	1.2730
22.	963.0	-9.1	-6.2	-6.0	99.9	91.	2.5617	2.1077	1.2726
81.	955.7	-10.0	-6.6	-6.3	99.9	92.	2.4115	1.9907	1.2672
137.	948.8	-10.6	-6.6	-6.4	99.9	94.	2.3275	1.9256	1.2608
185.	942.9	-10.9	-6.5	-6.2	99.9	96.	2.3007	1.9056	1.2544
231.	937.2	-11.3	-6.4	-6.2	99.9	97.	2.2523	1.8683	1.2487
271.	932.4	-11.6	-6.3	-6.1	99.9	98.	2.2193	1.8430	1.2437
300.	928.8	-11.3	-5.7	-5.5	99.9	99.	2.3006	1.9085	1.2376
333.	924.6	-11.2	-5.5	-5.5	-11.2	100.	2.3447	1.9395	1.2318
369.	920.5	-11.5	-5.2	-5.0	99.9	100.	2.2820	1.8945	1.2274
406.	916.1	-11.8	-5.2	-4.9	99.9	100.	2.2208	1.8457	1.2229
444.	911.5	-12.0	-5.0	-4.8	99.9	100.	2.1807	1.8137	1.2177
488.	906.3	-12.3	-4.9	-4.6	99.9	100.	2.1219	1.7668	1.2121
525.	901.9	-12.6	-4.6	-4.4	99.9	100.	2.0647	1.7210	1.2076
564.	897.3	-12.6	-4.4	-4.4	99.9	100.	2.0272	1.6910	1.2023
602.	892.8	-13.1	-4.5	-4.3	99.9	100.	1.9723	1.6470	1.1976
642.	888.1	-13.3	-4.3	-4.1	99.9	100.	1.9363	1.6181	1.1922
682.	883.5	-13.6	-4.3	-4.0	99.9	100.	1.8836	1.5759	1.1874
723.	878.7	-13.8	-4.1	-3.8	99.9	100.	1.8491	1.5481	1.1818
766.	873.8	-14.1	-3.9	-3.7	99.9	100.	1.7986	1.5075	1.1766
803.	869.5	-14.4	-3.8	-3.7	99.9	100.	1.7494	1.4679	1.1721
844.	864.8	-14.7	-3.8	-3.6	99.9	100.	1.7014	1.4293	1.1671
884.	860.2	-15.0	-3.7	-3.5	99.9	100.	1.6547	1.3915	1.1622
929.	855.1	-15.2	-3.4	-3.2	99.9	100.	1.6244	1.3668	1.1562
967.	851.8	-15.5	-3.3	-3.1	99.9	100.	1.5792	1.3306	1.1517
1007.	846.3	-15.9	-3.3	-3.2	99.9	100.	1.5213	1.2837	1.1473
1044.	842.2	-16.1	-3.3	-3.0	99.9	100.	1.4930	1.2608	1.1426
1086.	837.5	-16.3	-3.3	-2.8	99.9	100.	1.4651	1.2381	1.1371
1131.	832.5	-16.3	-2.5	-2.3	99.9	100.	1.4647	1.2378	1.1303
1172.	827.9	-17.0	-2.5	-2.3	99.9	100.	1.3717	1.1622	1.1271
1213.	823.4	-17.1	-2.5	-2.3	99.9	100.	1.3586	1.1516	1.1214
1249.	819.4	-17.5	-2.5	-2.4	99.9	100.	1.3082	1.1106	1.1177
1287.	815.3	-17.7	-2.4	-2.2	99.9	100.	1.2839	1.0904	1.1120
1321.	811.6	-17.9	-2.2	-2.1	99.9	99.	1.2593	1.0707	1.1087
1390.	804.1	-18.2	-1.8	-1.7	99.9	99.	1.2236	1.0415	1.0998
1582.	783.6	-19.5	-1.2	-1.1	99.9	99.	1.0802	0.9240	1.0771
1622.	779.4	-19.7	-1.2	-1.1	99.9	99.	1.0595	0.9070	1.0722
1651.	776.4	-20.3	-1.3	-1.2	99.9	99.	1.0000	0.8581	1.0705
1924.	748.1	-23.1	-1.5	-1.4	99.9	99.	0.7605	0.6596	1.0429
1975.	742.9	-23.3	-1.2	-1.1	99.9	99.	0.7454	0.6471	1.0365
2025.	737.8	-23.7	-1.1	-1.0	99.9	99.	0.7154	0.6229	1.0310
2076.	732.7	-23.9	-0.7	-0.6	99.9	99.	0.7021	0.6110	1.0247
2122.	728.1	-24.8	-0.4	-0.3	99.9	99.	0.6950	0.6050	1.0186
2164.	723.9	-24.6	-0.6	-0.5	99.9	99.	0.6547	0.5712	1.0152
2221.	718.2	-23.7	1.0	1.1	-23.9	99.	0.7156	0.6218	1.0036
2272.	713.5	-21.6	3.3	4.0	-22.6	91.	0.8052	0.5964	0.9884
2321.	708.5	-21.1	5.0	5.1	-21.8	93.	0.8706	0.7505	0.9800
2367.	704.1	-21.1	5.0	5.6	-21.5	96.	0.8904	0.7718	0.9739
2414.	699.6	-20.8	6.0	6.4	-21.1	97.	0.9318	0.8010	0.9666
2464.	694.9	-20.7	7.0	7.1	-20.6	99.	0.9592	0.8236	0.9597
2510.	690.6	-20.6	7.6	7.7	-20.8	98.	0.9592	0.8236	0.9534
2560.	685.9	-21.1	7.1	7.7	99.9	98.	0.9152	0.7879	0.9488
2607.	681.6	-21.4	7.7	7.9	99.9	98.	0.8903	0.7673	0.9439
2652.	677.4	-21.4	8.2	8.4	99.9	99.	0.8915	0.7683	0.9381
2702.	672.8	-21.6	8.5	8.7	99.9	99.	0.8756	0.7552	0.9325
2744.	669.0	-21.8	8.8	8.9	99.9	99.	0.8598	0.7421	0.9279
2785.	665.3	-22.0	9.0	9.1	99.9	99.	0.8442	0.7292	0.9235
2828.	661.4	-22.3	9.1	9.3	99.9	99.	0.8208	0.7099	0.9192
2875.	657.2	-22.5	9.4	9.6	99.9	99.	0.8060	0.6977	0.9141
2918.	653.3	-22.7	9.7	9.8	99.9	99.	0.7914	0.6855	0.9094
2962.	649.4	-22.6	10.3	10.4	99.9	99.	0.8002	0.6923	0.9036
3014.	644.8	-23.0	10.4	10.5	99.9	100.	0.7706	0.6683	0.8986
3072.	639.9	-23.1	10.9	11.1	99.9	100.	0.7643	0.6631	0.8919
3124.	635.2	-23.3	11.4	11.5	99.9	100.	0.7580	0.6579	0.8859
3166.	631.5	-23.3	11.8	11.9	-23.3	100.	0.7515	0.6517	0.8811

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MS)	1E+3*RH0W (G/M**3)	RHO (KG/M**3)
3209.	627.8	-23.5	12.0	12.1	-23.5	100.	0.7366	0.6395	0.8767
3252.	624.1	-24.0	11.9	12.0	-24.0	100.	0.7007	0.6101	0.8732
3298.	620.2	-24.5	11.8	12.0	-24.5	100.	0.6663	0.5813	0.8695
3345.	616.2	-24.4	12.5	12.6	-24.4	100.	0.6724	0.5864	0.8635
3384.	612.9	-24.5	12.6	12.9	-24.5	100.	0.6653	0.5804	0.8593
3427.	609.3	-24.7	13.1	13.2	-24.7	100.	0.6517	0.5690	0.8549
3470.	605.7	-25.1	13.1	13.2	-25.1	100.	0.6258	0.5472	0.8512
3513.	602.1	-25.5	13.1	13.2	-25.5	99.	0.6007	0.5261	0.8475
3557.	598.5	-25.9	13.2	13.4	-25.9	99.	0.5825	0.5108	0.8434
3598.	595.1	-25.8	13.7	13.8	-25.8	99.	0.5821	0.5104	0.8386
3642.	591.5	-25.8	14.1	14.2	-25.8	99.	0.5758	0.5051	0.8339
3685.	588.0	-26.1	14.4	14.5	-26.1	99.	0.5639	0.4951	0.8296
3729.	584.4	-26.4	14.4	14.6	-26.4	99.	0.5467	0.4805	0.8260
3767.	581.3	-27.0	14.3	14.3	-27.0	99.	0.5141	0.4530	0.8231
3810.	577.9	-27.6	14.7	14.8	-27.6	99.	0.5137	0.4524	0.8183
3851.	574.6	-27.6	14.9	14.9	-27.6	99.	0.4983	0.4396	0.8146
3893.	571.2	-28.2	14.3	14.4	-28.2	99.	0.4545	0.4024	0.8127
3932.	568.1	-28.8	15.0	15.1	-28.8	99.	0.4635	0.4104	0.8077
3973.	564.9	-28.8	15.2	15.3	-28.8	99.	0.4545	0.4024	0.8038
4010.	562.2	-28.6	15.2	15.2	-28.6	99.	0.4362	0.3868	0.8010
4049.	558.9	-29.1	15.1	15.2	-29.1	99.	0.4186	0.3718	0.7978
4088.	555.9	-29.9	15.3	15.4	-29.9	99.	0.4100	0.3644	0.7942
4126.	552.9	-29.9	15.4	15.5	-29.9	99.	0.3975	0.3537	0.7909
4165.	549.9	-29.6	15.6	15.6	-29.6	99.	0.3933	0.3502	0.7869
4204.	546.9	-29.8	16.0	16.1	-29.8	99.	0.3853	0.3432	0.7832
4242.	544.4	-30.4	15.7	15.8	-30.4	99.	0.3615	0.3233	0.7810
4281.	541.1	-30.5	16.0	16.1	-30.5	99.	0.3581	0.3200	0.7770
4316.	538.3	-30.7	16.2	16.3	-30.7	99.	0.3507	0.3136	0.7738
4353.	535.5	-31.0	16.3	16.4	-31.0	99.	0.3399	0.3043	0.7707
4394.	532.9	-31.4	16.3	16.4	-31.4	99.	0.3259	0.2922	0.7675
4437.	529.2	-31.6	16.5	16.6	-31.6	99.	0.3181	0.2864	0.7635
4472.	526.6	-31.7	16.6	16.7	-31.7	99.	0.3091	0.2778	0.7607
4508.	523.8	-32.2	16.9	17.0	-32.2	99.	0.3058	0.2749	0.7569
4544.	521.2	-32.6	16.6	16.7	-32.6	99.	0.2870	0.2586	0.7551
4580.	518.6	-32.9	16.7	16.7	-32.9	99.	0.2780	0.2508	0.7522
4617.	515.8	-33.0	16.3	16.3	-33.0	99.	0.2575	0.2334	0.7503
4654.	513.1	-34.0	16.2	16.3	-34.0	99.	0.2471	0.2240	0.7476
4691.	510.4	-34.4	16.2	16.2	-34.4	99.	0.2366	0.2149	0.7449
4729.	507.6	-34.6	16.4	16.4	-34.6	99.	0.2316	0.2104	0.7415
4771.	504.6	-34.7	16.7	16.8	-34.7	99.	0.2291	0.2083	0.7374
4812.	501.5	-35.0	16.9	16.9	-35.0	99.	0.2217	0.2018	0.7339
4853.	498.8	-35.0	17.3	17.4	-35.0	99.	0.2217	0.2018	0.7300
4894.	496.0	-35.6	17.1	17.1	-35.6	99.	0.2077	0.1895	0.7276
4935.	493.2	-36.6	16.8	16.8	-36.6	99.	0.1945	0.1780	0.7253
4973.	490.1	-36.1	17.3	17.3	-36.1	99.	0.1967	0.1798	0.7204
5012.	487.7	-36.8	17.4	17.4	-36.8	99.	0.1882	0.1724	0.7176
5054.	484.4	-37.3	17.0	17.0	-37.3	99.	0.1723	0.1584	0.7156
5093.	481.1	-37.4	17.3	17.3	-37.4	99.	0.1704	0.1567	0.7115
5137.	478.6	-37.3	17.9	18.0	-37.3	99.	0.1723	0.1584	0.7071
5182.	475.5	-37.9	17.7	17.8	-37.9	99.	0.1612	0.1485	0.7043
5224.	472.8	-38.4	17.7	17.7	-38.4	99.	0.1525	0.1408	0.7015
5265.	469.5	-38.2	18.4	18.5	-38.2	99.	0.1559	0.1438	0.6963
5313.	466.6	-38.7	18.4	18.4	-38.7	99.	0.1474	0.1363	0.6933
5359.	463.7	-39.1	18.3	18.4	-39.1	99.	0.1410	0.1305	0.6903
5399.	460.7	-39.2	17.9	17.9	-39.2	99.	0.1288	0.1197	0.6882
5443.	457.8	-40.3	17.7	17.8	-40.3	99.	0.1231	0.1146	0.6852
5481.	455.2	-40.7	17.9	17.9	-40.7	99.	0.1176	0.1097	0.6823
5518.	452.7	-40.9	18.1	18.1	-40.9	99.	0.1150	0.1073	0.6791
5574.	448.0	-41.5	18.4	18.4	-41.5	99.	0.1111	0.1038	0.6744
5613.	445.5	-41.5	18.5	18.5	-41.5	99.	0.1073	0.1004	0.6714
5657.	443.0	-42.0	18.4	18.4	-42.0	99.	0.1013	0.0950	0.6685
5697.	440.9	-41.8	19.4	19.4	-41.8	99.	0.1061	0.0993	0.6634
5745.	437.8	-42.3	19.1	19.1	-42.3	99.	0.0979	0.0910	0.6607
5788.	435.1	-42.6	19.3	19.3	-42.6	99.	0.0946	0.0885	0.6574
5826.	432.4	-42.7	19.7	19.7	-42.7	99.	0.0935	0.0879	0.6537
5869.	429.8	-43.1	19.6	19.7	-43.1	99.	0.0892	0.0840	0.6509
5914.	427.0	-43.4	19.8	19.8	-43.4	99.	0.0861	0.0813	0.6474
5962.	424.4	-43.5	20.3	20.3	-43.5	99.	0.0851	0.0804	0.6431
6000.	421.5	-43.6	21.0	21.0	-43.6	99.	0.0820	0.0777	0.6389
6045.	418.7	-43.5	20.8	20.8	-43.5	99.	0.0780	0.0738	0.6363
6086.	416.1	-44.4	20.7	20.7	-44.4	99.	0.0748	0.0708	0.6337
6131.	413.5	-44.7	21.5	21.5	-44.7	99.	0.0735	0.0698	0.6303
6177.	410.9	-44.7	21.1	21.1	-44.7	1100.	0.0748	0.0710	0.6268
6221.	407.7	-45.3	21.4	21.4	-45.3	1100.	0.0696	0.0662	0.6226
6259.	405.5	-45.2	21.7	21.7	-45.2	1100.	0.0696	0.0661	0.6200
6302.	402.8	-45.0	21.6	21.6	-45.0	1100.	0.0646	0.0616	0.6171
6344.	400.0	-46.3	21.5	21.5	-46.3	99.	0.0615	0.0588	0.6143
6389.	397.6	-46.2	22.2	22.2	-46.2	99.	0.0622	0.0594	0.6104
6431.	395.1	-46.5	22.3	22.4	-46.5	99.	0.0580	0.0573	0.6073
6473.	392.6	-46.4	22.3	22.3	-46.4	99.	0.0563	0.0578	0.6032
6517.	390.0	-47.4	22.5	22.5	-47.4	99.	0.0530	0.0514	0.6019
6563.	387.3	-47.5	22.3	22.3	-47.5	99.	0.0541	0.0520	0.5974
6606.	384.8	-47.8	22.6	22.6	-47.8	99.	0.0497	0.0478	0.5954
6647.	382.4	-48.3	22.7	22.8	-48.3	99.	0.0477	0.0461	0.5925
6692.	379.8	-48.3	23.4	23.5	-48.3	99.	0.0477	0.0460	0.5885

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
6737.	377.2	-48.2	24.0	24.0	99.9	98.	0.0482	0.0465	0.5842
6780.	374.7	-48.3	24.5	24.5	99.9	98.	0.0476	0.0459	0.5806
6824.	372.2	-48.9	24.3	24.3	99.9	98.	0.0442	0.0427	0.5782
6910.	367.4	-48.8	25.5	25.5	99.9	97.	0.0446	0.0430	0.5705
6990.	362.9	-49.6	25.5	25.5	99.9	97.	0.0403	0.0390	0.5655
7035.	360.4	-49.7	25.9	25.9	99.9	97.	0.0397	0.0385	0.5619
7077.	358.1	-49.7	26.5	26.5	99.9	97.	0.0397	0.0385	0.5583
7119.	355.8	-50.1	26.5	26.5	99.9	97.	0.0377	0.0366	0.5557
7165.	353.3	-50.0	27.2	27.2	99.9	97.	0.0381	0.0370	0.5516
7212.	350.8	-49.7	28.2	28.2	-50.0	96.	0.0395	0.0383	0.5469
7253.	348.6	-49.6	28.5	28.5	-50.0	95.	0.0395	0.0383	0.5433
7300.	346.1	-49.6	29.5	29.5	-49.9	96.	0.0400	0.0388	0.5394
7349.	343.5	-49.9	29.8	29.8	-50.3	95.	0.0380	0.0370	0.5360
7397.	341.0	-49.9	30.4	30.4	-50.1	98.	0.0390	0.0379	0.5321
7443.	338.6	-50.3	30.5	30.5	99.9	99.	0.0372	0.0362	0.5293
7487.	336.3	-50.5	30.8	30.8	99.9	98.	0.0364	0.0354	0.5262
7536.	333.8	-50.6	31.3	31.3	99.9	98.	0.0360	0.0351	0.5225
7581.	331.5	-51.4	30.8	30.8	99.9	99.	0.0327	0.0319	0.5208
7632.	328.9	-51.4	31.5	31.5	99.9	99.	0.0328	0.0320	0.5167
7681.	326.4	-51.9	31.5	31.5	99.9	99.	0.0308	0.0302	0.5139
7733.	323.8	-51.9	32.2	32.2	99.9	99.	0.0309	0.0303	0.5099
7783.	321.3	-52.4	32.2	32.2	99.9	100.	0.0291	0.0286	0.5071
7825.	319.2	-52.2	33.0	33.0	99.9	100.	0.0299	0.0293	0.5033
7868.	317.1	-51.7	34.3	34.3	-51.7	100.	0.0319	0.0312	0.4989
7897.	315.7	-51.7	34.7	34.7	-52.3	93.	0.0296	0.0291	0.4967
7933.	313.9	-52.1	34.6	34.6	-52.2	99.	0.0300	0.0294	0.4947
7960.	312.6	-53.1	33.6	33.6	99.9	98.	0.0263	0.0259	0.4949
7987.	311.3	-53.3	33.7	33.7	99.9	98.	0.0255	0.0251	0.4933
8018.	309.8	-52.7	34.9	34.9	99.9	97.	0.0274	0.0269	0.4896
8043.	308.6	-52.3	35.8	35.8	99.9	97.	0.0287	0.0281	0.4868
8075.	307.1	-52.5	35.4	35.4	-53.2	96.	0.0264	0.0260	0.4859
8100.	305.9	-52.9	35.6	35.6	-53.1	97.	0.0268	0.0263	0.4839
8129.	304.5	-53.1	35.9	35.9	99.9	98.	0.0262	0.0258	0.4821
8161.	303.0	-53.2	36.2	36.2	99.9	98.	0.0259	0.0255	0.4799
8189.	301.7	-53.2	36.6	36.6	99.9	98.	0.0260	0.0256	0.4779
8216.	300.4	-53.4	36.7	36.7	99.9	99.	0.0254	0.0250	0.4762
8240.	299.3	-53.2	37.3	37.3	-53.3	99.	0.0261	0.0257	0.4741
8266.	298.1	-54.0	36.5	36.5	99.9	99.	0.0236	0.0137	0.4739
8300.	296.5	-54.4	36.4	36.4	99.9	99.	0.0224	0.0130	0.4722
8318.	295.7	-54.4	36.7	36.7	99.9	99.	0.0224	0.0130	0.4709
8346.	294.4	-55.2	35.9	35.9	99.9	99.	0.0202	0.0117	0.4706
8365.	293.5	-55.3	36.0	36.0	99.9	99.	0.0199	0.0116	0.4693
8402.	291.8	-55.4	36.4	36.4	99.9	99.	0.0197	0.0114	0.4668
8428.	290.6	-55.3	36.9	36.9	99.9	99.	0.0199	0.0116	0.4647
8437.	290.2	-55.8	36.3	36.3	99.9	99.	0.0187	0.0108	0.4651

SOUNDING 23.0
 LATITUDE -62.2 LONGITUDE 1.2
 DATE 11-5-81 TIME 1455 GMT
 NUMBER OF LEVELS 136

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	970.1	-5.6	-3.3	-2.5	-6.2	95.	3.6347	2.9543	1.2661
13.	968.5	-5.8	-3.3	-3.0	-6.1	97.	3.6711	2.9787	1.2649
74.	961.0	-6.5	-3.5	-3.1	-6.8	97.	3.4555	2.8111	1.2583
116.	955.8	-7.0	-3.5	-3.2	-7.2	98.	3.3376	2.7193	1.2538
157.	950.8	-7.4	-3.5	-3.2	-7.5	99.	3.2515	2.6521	1.2490
208.	944.5	-7.9	-3.5	-3.2	-7.9	100.	3.1399	2.5650	1.2430
257.	938.6	-8.3	-3.5	-3.1	-8.3	100.	3.0319	2.4804	1.2370
311.	932.1	-8.8	-3.4	-3.1	99.9	100.	2.9016	2.3858	1.2307
356.	926.7	-9.2	-3.4	-3.1	99.9	100.	2.8010	2.3064	1.2254
402.	921.2	-9.6	-3.3	-3.0	99.9	100.	2.7037	2.2294	1.2199
446.	915.9	-10.0	-3.3	-3.0	99.9	100.	2.6095	2.1548	1.2146
493.	910.4	-10.3	-3.3	-2.9	99.9	100.	2.5407	2.1003	1.2087
538.	905.0	-10.7	-3.1	-2.8	99.9	100.	2.4517	2.0236	1.2033
594.	898.4	-11.3	-3.2	-2.5	99.9	100.	2.3235	1.9277	1.1971
643.	892.7	-11.7	-3.1	-2.8	99.9	100.	2.2415	1.8623	1.1913
679.	888.5	-12.2	-3.0	-3.0	99.9	100.	2.1427	1.7835	1.1879
710.	884.9	-12.5	-3.3	-3.1	99.9	100.	2.0666	1.7226	1.1848
740.	881.4	-12.9	-3.0	-3.1	99.9	100.	2.0111	1.6782	1.1815
774.	877.5	-13.1	-3.2	-3.0	99.9	100.	1.9749	1.6492	1.1771
805.	873.9	-13.3	-3.1	-2.9	99.9	100.	1.9392	1.6206	1.1732
841.	869.2	-13.6	-3.1	-2.8	99.9	100.	1.8869	1.5786	1.1690
875.	865.9	-13.8	-2.9	-2.7	99.9	100.	1.8527	1.5512	1.1646
923.	860.5	-14.2	-2.8	-2.6	99.9	100.	1.7860	1.4976	1.1591
963.	855.9	-14.5	-2.5	-2.3	99.9	100.	1.7697	1.4845	1.1534
1007.	851.0	-14.2	-2.3	-1.8	94.9	100.	1.7860	1.4976	1.1463
1051.	846.1	-14.0	-1.3	-1.1	-14.0	100.	1.8190	1.5209	1.1389
1091.	841.6	-14.1	-1.0	-0.8	99.9	100.	1.8023	1.5108	1.1333
1132.	837.0	-14.3	-0.8	-0.6	99.9	100.	1.7696	1.4844	1.1279
1172.	832.6	-14.5	-0.6	-0.4	99.9	100.	1.7373	1.4585	1.1228

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RH0W (G/M**3)	RH0 (KG/M**3)
1214.	828.0	-14.8	-0.5	-0.3	99.9	100.	1.6930	1.4203	1.1179
1255.	823.5	-14.9	-0.5	-0.3	99.9	100.	1.6745	1.4078	1.1122
1297.	819.0	-15.2	-0.1	0.1	99.9	100.	1.6287	1.3700	1.1074
1337.	814.7	-15.5	0.0	0.2	99.9	100.	1.5841	1.3346	1.1029
1377.	810.3	-15.7	0.0	0.4	99.9	100.	1.5450	1.3117	1.0977
1415.	806.3	-15.7	0.0	0.8	99.9	100.	1.5550	1.3112	1.0923
1450.	802.5	-15.8	0.0	1.1	99.9	100.	1.5406	1.2996	1.0876
1466.	798.7	-15.9	1.2	1.4	99.9	100.	1.5263	1.2881	1.0829
1521.	795.0	-16.0	1.4	1.6	99.9	100.	1.5122	1.2766	1.0783
1556.	791.3	-16.3	1.5	1.7	99.9	100.	1.4705	1.2428	1.0745
1591.	787.6	-16.6	1.5	1.7	99.9	100.	1.4299	1.2099	1.0707
1625.	784.1	-16.4	2.1	2.3	99.9	100.	1.4568	1.2317	1.0651
1662.	780.2	-16.6	2.2	2.4	99.9	100.	1.4299	1.2059	1.0606
1732.	776.1	-16.6	2.7	2.9	99.9	100.	1.4299	1.2099	1.0550
1739.	772.2	-17.0	2.6	2.8	99.9	100.	1.3773	1.1671	1.0513
1781.	767.9	-17.2	2.5	3.0	99.9	100.	1.3517	1.1463	1.0463
1821.	763.8	-17.5	3.0	3.1	99.9	100.	1.3141	1.1157	1.0419
1862.	759.6	-17.4	3.5	3.7	99.9	100.	1.3265	1.1258	1.0358
1904.	755.4	-17.7	3.6	3.8	99.9	100.	1.2895	1.0957	1.0312
1936.	752.2	-18.3	3.5	3.5	99.9	100.	1.2185	1.0377	1.0292
1972.	748.5	-18.4	3.6	3.7	99.9	100.	1.2070	1.0287	1.0246
2010.	744.7	-18.4	4.0	4.1	99.9	100.	1.2069	1.0282	1.0194
2050.	740.7	-18.7	4.1	4.2	-18.7	100.	1.1731	0.9989	1.0151
2090.	736.8	-19.1	4.1	4.2	99.9	100.	1.1226	0.9641	1.0113
2128.	733.0	-19.6	3.9	4.1	99.9	100.	1.0754	0.9204	1.0080
2169.	729.0	-20.1	3.8	4.0	99.9	100.	1.0245	0.8785	1.0045
2205.	725.4	-20.5	3.8	3.9	99.9	100.	0.9853	0.8462	1.0010
2242.	721.8	-20.1	4.6	4.7	99.9	100.	1.0234	0.8775	0.9945
2281.	718.0	-21.0	4.0	4.2	99.9	100.	0.9378	0.8069	0.9928
2322.	714.0	-21.1	4.4	4.5	99.9	100.	0.9282	0.7993	0.9876
2362.	710.1	-21.4	4.5	4.6	99.9	100.	0.9311	0.7765	0.9834
2402.	706.3	-21.5	4.8	4.9	99.9	99.	0.8918	0.7689	0.9785
2441.	702.6	-21.6	4.8	5.0	99.9	99.	0.8457	0.7472	0.9745
2480.	698.8	-22.3	4.7	4.9	99.9	99.	0.8240	0.7126	0.9711
2521.	694.9	-22.2	5.5	5.4	99.9	99.	0.8316	0.7189	0.9654
2559.	691.4	-21.7	6.4	6.4	99.9	99.	0.8726	0.7529	0.9586
2600.	687.5	-21.5	6.9	7.1	99.9	99.	0.8892	0.7666	0.9525
2637.	684.1	-21.4	7.4	7.6	99.9	99.	0.8974	0.7734	0.9474
2674.	680.6	-21.1	8.2	8.3	99.9	99.	0.9233	0.7948	0.9415
2714.	677.0	-20.9	8.8	8.8	-21.0	99.	0.9408	0.8084	0.9358
2753.	673.4	-21.0	9.1	9.3	-21.2	98.	0.9227	0.7936	0.9311
2794.	669.7	-21.1	9.5	9.6	-21.3	98.	0.9138	0.7862	0.9264
2834.	666.0	-21.4	9.6	9.7	-21.4	100.	0.9050	0.7789	0.9224
2931.	657.3	-22.1	9.9	10.0	99.9	100.	0.8424	0.7287	0.9128
2979.	653.0	-22.1	10.4	10.5	99.9	99.	0.8409	0.7267	0.9069
3026.	648.4	-22.8	10.3	10.4	99.9	99.	0.7996	0.6924	0.8936
3061.	645.8	-22.9	11.0	11.0	99.9	99.	0.8063	0.6970	0.8902
3103.	642.2	-22.5	11.1	11.4	-22.6	99.	0.8051	0.6962	0.8893
3143.	638.5	-22.4	10.7	10.9	99.9	99.	0.7377	0.6407	0.8891
3184.	635.0	-23.7	10.8	11.0	99.9	99.	0.7169	0.6235	0.8874
3225.	631.4	-23.7	11.3	11.4	99.9	99.	0.7177	0.6242	0.8824
3268.	627.7	-24.1	11.3	11.4	99.9	99.	0.6927	0.6016	0.8786
3307.	624.4	-24.2	11.8	11.8	99.9	100.	0.6846	0.5965	0.8743
3348.	620.9	-24.6	11.6	11.8	99.9	100.	0.6586	0.5748	0.8706
3387.	617.5	-24.6	12.1	12.2	99.9	100.	0.6593	0.5754	0.8660
3425.	614.3	-24.7	12.4	12.5	99.9	100.	0.6574	0.5755	0.8611
3464.	611.0	-24.5	13.1	13.2	-24.5	100.	0.6673	0.5815	0.8566
3507.	607.4	-25.1	12.9	13.0	99.9	100.	0.6376	0.5488	0.8536
3550.	603.8	-25.1	13.3	13.6	99.9	100.	0.6330	0.5533	0.8482
3590.	600.5	-25.3	13.6	13.7	99.9	100.	0.6134	0.5360	0.8446
3636.	596.7	-25.6	13.7	13.8	99.9	99.	0.5943	0.5207	0.8402
3676.	593.4	-26.3	13.4	13.5	99.9	99.	0.5531	0.4866	0.8379
3720.	589.8	-26.4	13.8	13.9	99.9	99.	0.5487	0.4806	0.8332
3759.	586.6	-26.5	14.5	14.5	-26.5	99.	0.5742	0.5034	0.8270
3808.	582.9	-26.5	14.8	14.7	99.9	99.	0.5420	0.4765	0.8237
3847.	579.5	-27.1	14.4	14.5	99.9	100.	0.5113	0.4507	0.8203
3887.	576.3	-27.2	14.7	14.8	99.9	100.	0.5074	0.4474	0.8167
3925.	573.3	-27.4	14.6	15.0	-27.4	100.	0.4923	0.4394	0.8131
3970.	569.7	-27.9	14.6	15.0	99.9	99.	0.4644	0.4142	0.8096
4014.	566.2	-28.3	14.6	15.0	99.9	99.	0.4449	0.3942	0.8060
4052.	563.2	-27.8	15.0	16.0	-28.1	97.	0.4639	0.4102	0.8031
4094.	559.9	-28.1	16.1	16.1	-28.6	95.	0.4427	0.3905	0.8003
4144.	555.0	-29.0	15.5	15.5	99.9	97.	0.4100	0.3641	0.7937
4179.	553.3	-29.3	15.6	15.7	99.9	98.	0.4130	0.3683	0.7908
4223.	549.9	-29.5	15.9	15.9	-29.5	100.	0.4116	0.3571	0.7866
4261.	546.4	-30.0	15.8	15.9	99.9	100.	0.3796	0.3385	0.7832
4306.	543.5	-30.5	15.7	15.7	99.9	99.	0.3535	0.3217	0.7800
4352.	540.0	-30.3	16.4	16.5	99.9	99.	0.3535	0.3266	0.7749
4397.	536.6	-30.9	16.2	16.4	99.9	99.	0.3434	0.3203	0.7719
4444.	533.0	-31.4	16.3	16.4	99.9	99.	0.3371	0.3203	0.7686
4494.	529.5	-31.5	16.2	16.2	99.9	99.	0.3366	0.3274	0.7648
4545.	522.5	-31.9	17.2	17.3	99.9	97.	0.3366	0.2722	0.7548
4625.	519.5	-31.9	17.7	17.8	-32.0	97.	0.3366	0.2721	0.7504
4666.	516.5	-32.7	17.8	17.8	99.9	97.	0.3366	0.2721	0.7485
4704.	513.7	-33.3	17.8	17.8	99.9	97.	0.3366	0.2721	0.7461

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
4752.	519.2	-33.5	17.3	17.3	99.9	97.	0.2552	0.1483	0.7418
4794.	507.2	-33.5	17.8	17.8	99.9	97.	0.2552	0.1483	0.7374
4841.	503.8	-34.0	17.7	17.8	99.9	97.	0.2419	0.1405	0.7340
4875.	501.3	-34.5	17.5	17.6	99.9	97.	0.2292	0.1331	0.7319
4921.	498.0	-34.8	17.7	17.8	99.9	97.	0.2219	0.1289	0.7280
4965.	494.9	-35.2	17.7	17.8	99.9	97.	0.2125	0.1234	0.7247
5013.	491.5	-35.8	17.6	17.6	99.9	97.	0.1990	0.1156	0.7215
5055.	488.5	-36.5	17.2	17.3	99.9	97.	0.1843	0.1071	0.7192
5099.	485.4	-36.8	17.4	17.4	99.9	97.	0.1784	0.1036	0.7155
5139.	482.6	-36.8	17.9	17.9	99.9	97.	0.1784	0.1036	0.7114
5185.	479.4	-37.2	17.9	18.0	99.9	97.	0.1707	0.0991	0.7079
5228.	476.4	-37.8	17.7	17.8	99.9	97.	0.1597	0.0928	0.7052
5270.	473.5	-37.9	18.1	18.1	99.9	97.	0.1579	0.0917	0.7013
5317.	470.3	-37.9	18.7	18.7	99.9	97.	0.1579	0.0917	0.6965
5362.	467.2	-39.2	17.6	17.6	99.9	97.	0.1366	0.0793	0.6958
5411.	463.9	-39.6	17.7	17.7	99.9	97.	0.1395	0.0758	0.6920
5448.	461.4	-39.6	18.1	18.2	99.9	97.	0.1395	0.0758	0.6883
5494.	458.3	-39.5	18.8	18.9	99.9	97.	0.1320	0.0767	0.6834
5536.	455.5	-40.0	18.7	18.7	99.9	97.	0.1248	0.0725	0.6807
5585.	452.2	-40.4	18.8	18.8	99.9	97.	0.1192	0.0693	0.6769
5627.	449.4	-40.5	19.2	19.2	99.9	97.	0.1179	0.0685	0.6730
5673.	446.4	-40.7	19.5	19.5	99.9	97.	0.1152	0.0669	0.6691

SOUNDING 24.0
 LATITUDE -62.1 LONGITUDE 1.2
 DATE 11- 5-81 TIME 1755 GMT
 NUMBER OF LEVELS 123

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	972.1	-5.5	-3.3	-3.0	-6.4	93.	3.5774	2.9059	1.2681
10.	970.9	-5.7	-3.4	-3.1	-6.7	92.	3.4857	2.8346	1.2675
81.	962.1	-6.8	-3.8	-3.5	-7.5	94.	3.2517	2.6523	1.2610
154.	953.1	-7.6	-3.9	-3.6	-8.1	96.	3.0856	2.5225	1.2528
225.	944.4	-8.3	-3.9	-3.6	-8.6	97.	2.9532	2.4188	1.2446
293.	936.2	-9.0	-4.0	-3.7	-9.1	99.	2.8260	2.3190	1.2370
362.	927.8	-9.6	-3.9	-3.6	-9.6	100.	2.7038	2.2229	1.2286
443.	918.1	-10.4	-3.9	-3.6	-9.9	100.	2.5183	2.0825	1.2193
515.	909.5	-11.2	-4.0	-3.7	-9.9	100.	2.3446	1.9444	1.2115
575.	902.4	-11.8	-4.0	-3.8	-9.9	100.	2.2215	1.8464	1.2047
632.	895.8	-12.5	-4.0	-3.7	-9.9	100.	2.1235	1.7681	1.1981
686.	889.4	-12.8	-3.9	-3.7	-9.9	100.	2.0295	1.6929	1.1917
748.	882.2	-13.1	-3.6	-3.4	-9.9	100.	1.9749	1.6492	1.1834
826.	873.2	-13.5	-3.2	-3.0	-9.9	100.	1.9042	1.5925	1.1731
902.	864.5	-14.0	-3.0	-2.8	-9.9	100.	1.8191	1.5242	1.1636
969.	856.9	-14.6	-2.9	-2.7	-9.9	100.	1.7216	1.4457	1.1560
1011.	852.2	-15.8	-1.7	-1.5	-9.9	100.	1.8526	1.5512	1.1462
1053.	847.5	-13.5	-0.9	-0.7	-13.5	100.	1.9040	1.5889	1.1386
1094.	842.9	-13.3	-0.3	-0.1	-13.4	99.	1.9214	1.6028	1.1316
1144.	837.4	-13.2	0.3	0.6	-13.4	98.	1.9213	1.6028	1.1238
1205.	830.7	-13.5	0.6	0.9	-13.5	100.	1.9039	1.5888	1.1161
1263.	824.3	-13.7	1.0	1.3	-13.7	100.	1.8694	1.5612	1.1083
1324.	817.7	-14.0	1.3	1.6	-14.0	100.	1.8187	1.5207	1.1007
1386.	811.1	-14.3	1.7	1.9	-9.9	100.	1.7694	1.4844	1.0931
1449.	804.4	-14.7	1.9	2.1	-9.9	100.	1.7055	1.4329	1.0857
1518.	797.0	-15.1	2.2	2.4	-9.9	100.	1.6437	1.3830	1.0773
1577.	790.8	-15.4	2.5	2.7	-9.9	100.	1.5887	1.3467	1.0701
1639.	784.4	-15.5	3.0	3.2	-15.5	100.	1.5839	1.3320	1.0619
1698.	778.2	-15.9	3.2	3.4	-9.9	100.	1.5262	1.2880	1.0551
1758.	772.1	-16.2	3.5	3.7	-9.9	100.	1.4641	1.2540	1.0480
1818.	765.9	-16.4	3.9	4.1	-16.4	100.	1.4567	1.2294	1.0404
1875.	760.1	-16.7	4.2	4.4	-9.9	100.	1.4164	1.1990	1.0337
1935.	754.1	-17.0	4.5	4.7	-9.9	100.	1.3772	1.1671	1.0267
1996.	748.0	-17.2	4.9	5.1	-17.2	100.	1.3516	1.1442	1.0192
2051.	742.5	-17.6	5.1	5.3	-9.9	100.	1.3093	1.1044	1.0133
2114.	736.2	-17.8	5.5	5.7	-9.9	100.	1.2744	1.0833	1.0054
2173.	730.4	-18.1	5.8	6.0	-9.9	100.	1.2374	1.0531	0.9987
2232.	724.7	-18.5	6.0	6.2	-9.9	100.	1.1931	1.0143	0.9924
2294.	718.2	-18.8	6.4	6.6	-9.9	99.	1.1552	0.9857	0.9846
2363.	712.0	-19.0	6.9	7.1	-9.9	99.	1.1320	0.9666	0.9769
2429.	705.7	-19.1	7.5	7.7	-9.9	99.	1.1198	0.9566	0.9686
2494.	699.6	-19.9	8.4	8.6	-19.0	99.	1.1396	0.9718	0.9595
2558.	693.6	-19.0	9.0	9.2	-19.2	98.	1.1183	0.9542	0.9517
2631.	686.8	-19.4	9.3	9.5	-19.4	100.	1.0972	0.9369	0.9438
2694.	681.0	-19.7	9.7	9.9	-19.8	99.	1.0560	0.9031	0.9369
2761.	674.9	-20.1	10.0	10.1	-20.2	99.	1.0162	0.8705	0.9300
2830.	668.6	-20.6	10.2	10.3	-20.6	100.	0.9778	0.8389	0.9231
2900.	662.3	-21.2	10.3	10.4	-9.9	100.	0.9222	0.7942	0.9165
2966.	656.4	-21.7	10.4	10.6	-9.9	100.	0.8780	0.7576	0.9101
3040.	649.8	-22.3	10.6	10.7	-9.9	100.	0.8276	0.7158	0.9031
3106.	644.0	-22.8	10.6	10.7	-9.9	100.	0.7800	0.6762	0.8972
3174.	638.0	-23.5	10.7	10.8	-9.9	100.	0.7348	0.6385	0.8909

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3•RHOW (G/M+•3)	RHO (KG/M+•3)
3239.	632.4	-24.0	10.8	11.0	99.9	100.	0.6990	0.6086	0.8848
3309.	626.3	-24.6	10.9	11.1	99.9	100.	0.6982	0.5744	0.8784
3370.	621.1	-25.1	11.0	11.2	99.9	100.	0.6974	0.5473	0.8728
3443.	614.8	-25.7	11.2	11.3	99.9	100.	0.6960	0.5162	0.8660
3513.	608.9	-26.2	11.4	11.5	99.9	99.	0.6952	0.4916	0.8594
3572.	604.0	-26.6	11.7	11.6	99.9	99.	0.6944	0.4773	0.8535
3636.	598.6	-26.9	12.0	12.1	99.9	99.	0.6936	0.4588	0.8473
3686.	594.5	-26.9	12.5	12.6	99.9	99.	0.6928	0.4586	0.8415
3807.	584.6	-27.3	13.4	13.5	99.9	99.	0.6920	0.4406	0.8288
3867.	579.7	-27.8	13.5	13.6	99.9	99.	0.6912	0.4193	0.8235
3926.	574.8	-28.1	13.9	14.0	99.9	99.	0.6904	0.4059	0.8175
3990.	569.8	-28.6	14.0	14.1	99.9	99.	0.6896	0.3872	0.8121
4050.	565.1	-29.1	14.1	14.2	99.9	99.	0.6888	0.3683	0.8070
4116.	559.9	-29.2	14.8	14.8	99.9	99.	0.6880	0.3643	0.7999
4176.	555.2	-30.1	14.4	14.5	99.9	99.	0.6872	0.3332	0.7961
4235.	550.6	-30.6	14.5	14.5	99.9	99.	0.6864	0.3179	0.7911
4298.	545.7	-31.0	14.7	14.8	99.9	99.	0.6856	0.3045	0.7854
4355.	541.3	-31.5	14.6	14.9	99.9	99.	0.6848	0.2895	0.7806
4419.	536.4	-32.0	15.0	15.0	99.9	99.	0.6840	0.2752	0.7751
4480.	531.8	-32.6	14.9	15.0	99.9	99.	0.6832	0.2589	0.7704
4550.	526.5	-33.1	15.2	15.2	99.9	99.	0.6824	0.2461	0.7643
4624.	521.0	-33.6	15.4	15.3	99.9	99.	0.6816	0.2336	0.7579
4705.	515.0	-34.3	15.5	15.6	99.9	99.	0.6808	0.2175	0.7513
4766.	510.5	-35.0	15.4	15.5	99.9	99.	0.6800	0.2022	0.7469
4833.	505.6	-35.6	15.5	15.5	99.9	99.	0.6792	0.1960	0.7414
4895.	501.1	-35.7	16.1	16.1	99.9	99.	0.6784	0.1888	0.7353
4958.	496.6	-36.2	16.2	16.3	99.9	99.	0.6776	0.1850	0.7303
5021.	492.1	-36.9	16.1	16.2	99.9	99.	0.6768	0.1657	0.7258
5094.	486.9	-37.2	16.6	16.7	99.9	99.	0.6760	0.1605	0.7190
5160.	482.3	-37.9	16.6	16.6	99.9	99.	0.6752	0.1490	0.7143
5226.	477.7	-38.6	16.5	16.5	99.9	99.	0.6744	0.1382	0.7096
5286.	473.5	-38.9	16.9	16.9	99.9	99.	0.6736	0.1339	0.7043
5353.	468.9	-39.7	16.7	16.7	99.9	99.	0.6728	0.1229	0.6998
5413.	464.8	-40.0	17.0	17.1	99.9	99.	0.6720	0.1189	0.6946
5479.	460.3	-40.6	17.1	17.1	99.9	99.	0.6712	0.1135	0.6896
5546.	455.8	-41.3	17.0	17.1	99.9	99.	0.6704	0.1031	0.6850
5668.	447.5	-42.2	17.4	17.4	99.9	99.	0.6696	0.0934	0.6752
5729.	443.6	-42.9	17.3	17.3	99.9	99.	0.6688	0.0864	0.6712
5790.	439.6	-43.4	17.4	17.4	99.9	99.	0.6680	0.0817	0.6666
5854.	435.4	-43.8	17.7	17.7	99.9	99.	0.6672	0.0781	0.6614
5919.	431.2	-44.2	18.0	18.0	99.9	99.	0.6664	0.0747	0.6562
5983.	427.1	-45.1	17.6	17.6	99.9	99.	0.6656	0.0674	0.6525
6043.	423.3	-45.6	17.7	17.7	99.9	99.	0.6648	0.0637	0.6481
6096.	419.9	-46.1	17.8	17.8	99.9	99.	0.6640	0.0602	0.6443
6172.	415.1	-46.8	17.8	17.8	99.9	99.	0.6632	0.0555	0.6399
6299.	407.2	-48.1	17.7	17.8	99.9	99.	0.6624	0.0477	0.6304
6365.	403.1	-49.0	17.4	17.4	99.9	99.	0.6616	0.0429	0.6265
6421.	399.7	-49.6	17.3	17.3	99.9	100.	0.6608	0.0400	0.6229
6485.	395.8	-50.0	17.6	17.6	99.9	100.	0.6600	0.0382	0.6179
6555.	391.6	-50.8	17.5	17.5	99.9	100.	0.6592	0.0347	0.6136
6619.	387.7	-51.6	17.3	17.3	99.9	100.	0.6584	0.0315	0.6096
6697.	383.1	-52.1	17.6	17.6	99.9	100.	0.6576	0.0297	0.6038
6768.	378.9	-52.4	18.1	18.1	99.9	100.	0.6568	0.0286	0.5980
6835.	375.0	-52.9	18.3	18.3	99.9	100.	0.6560	0.0269	0.5931
6914.	370.4	-53.5	18.5	18.6	99.9	100.	0.6552	0.0253	0.5875
6973.	367.0	-54.3	18.2	18.3	99.9	100.	0.6544	0.0227	0.5842
7182.	355.2	-54.7	20.4	20.4	99.9	100.	0.6536	0.0217	0.5665
7240.	352.0	-55.3	20.4	20.4	99.9	100.	0.6528	0.0201	0.5629
7424.	341.9	-57.0	20.5	20.5	99.9	100.	0.6520	0.0161	0.5510
7484.	338.7	-57.5	20.6	20.6	99.9	100.	0.6512	0.0151	0.5471
7540.	335.7	-57.5	21.4	21.4	99.9	100.	0.6504	0.0151	0.5423
7654.	329.4	-58.5	21.6	21.6	99.9	100.	0.6496	0.0132	0.5346
7712.	326.6	-58.9	21.8	21.8	99.9	100.	0.6488	0.0125	0.5310
7807.	321.7	-60.1	21.4	21.4	99.9	100.	0.6480	0.0107	0.5260
7900.	313.9	-60.0	23.6	23.6	99.9	100.	0.6472	0.0108	0.5110
8034.	310.2	-59.9	24.8	24.8	99.9	100.	0.6464	0.0110	0.5067
8104.	306.7	-60.0	25.4	25.4	99.9	100.	0.6456	0.0108	0.5013
8157.	304.1	-60.4	25.9	25.9	99.9	100.	0.6448	0.0104	0.4977
8190.	302.5	-60.3	26.3	26.3	99.9	100.	0.6440	0.0104	0.4951
8357.	294.5	-61.2	27.4	27.4	99.9	100.	0.6432	0.0092	0.4848
8426.	291.2	-63.2	25.5	25.5	99.9	100.	0.6424	0.0070	0.4832

SOUNDING 25.0
 LATITUDE -62.1 LONGITUDE 1.2
 DATE 11-5-81 TIME 2057 GMT
 NUMBER OF LEVELS 199

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3•RHOW (G/M+•3)	RHO (KG/M+•3)
0.	975.1	-7.1	-5.2	-4.9	-10.1	77.	2.5870	2.1310	1.2784
30.	971.4	-7.5	-5.3	-5.0	99.9	84.	2.7187	2.2238	1.2761
101.	962.5	-8.1	-5.2	-4.9	-8.1	100.	3.0857	2.5226	1.2676

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
147.	956.8	-8.5	-5.1	-4.8	-8.6	59.	2.9533	2.4189	1.2619
197.	950.7	-9.0	-5.2	-4.9	-9.1	59.	2.8261	2.3191	1.2561
249.	944.3	-9.5	-5.1	-4.9	-9.5	100.	2.7280	2.2420	1.2499
290.	939.3	-9.9	-5.1	-4.9	-9.9	100.	2.6330	2.1672	1.2451
344.	932.7	-10.5	-5.2	-4.9	-9.9	100.	2.4945	2.0634	1.2391
394.	926.6	-10.9	-5.1	-4.9	-9.9	100.	2.4055	1.9927	1.2328
452.	919.7	-11.5	-5.2	-4.9	-9.9	100.	2.2779	1.8911	1.2264
510.	912.7	-12.0	-5.1	-4.9	-9.9	100.	2.1761	1.8099	1.2193
574.	905.1	-12.6	-5.1	-4.8	-9.9	100.	2.0596	1.7167	1.2119
637.	897.6	-13.2	-5.1	-4.8	-9.9	100.	1.9489	1.6280	1.2045
701.	890.1	-13.7	-4.9	-4.7	-9.9	100.	1.8605	1.5571	1.1967
766.	882.5	-14.3	-4.9	-4.7	-9.9	99.	1.7596	1.4759	1.1891
821.	875.1	-14.7	-4.7	-4.6	-9.9	99.	1.6949	1.4238	1.1823
883.	869.0	-15.2	-4.6	-4.5	-9.9	99.	1.6173	1.3611	1.1749
941.	862.3	-15.8	-4.7	-4.5	-9.9	99.	1.5287	1.2894	1.1685
992.	856.5	-16.3	-4.7	-4.5	-9.9	99.	1.4583	1.2323	1.1629
1045.	850.5	-16.5	-3.3	-3.1	-15.6	99.	1.5697	1.3200	1.1513
1085.	846.0	-14.6	-2.0	-1.8	-15.2	95.	1.6289	1.3683	1.1412
1122.	841.8	-13.9	-0.8	-0.6	-14.8	92.	1.6901	1.4175	1.1326
1164.	837.2	-14.2	-0.7	-0.5	-14.8	95.	1.6901	1.4175	1.1277
1203.	832.9	-14.3	-0.4	-0.2	-14.9	95.	1.6745	1.4050	1.1223
1244.	828.4	-14.6	-0.3	-0.1	-15.1	95.	1.6439	1.3803	1.1175
1284.	824.0	-14.8	-0.1	0.1	-15.2	96.	1.6288	1.3682	1.1125
1325.	819.6	-15.1	0.0	0.2	-15.4	97.	1.5989	1.3441	1.1078
1363.	815.4	-15.3	0.2	0.4	-15.6	97.	1.5695	1.3204	1.1029
1405.	810.9	-15.6	0.3	0.5	-15.8	98.	1.5406	1.2972	1.0981
1442.	806.9	-16.0	0.3	0.4	-16.1	99.	1.4982	1.2629	1.0944
1481.	802.6	-16.2	0.4	0.6	-16.3	99.	1.4706	1.2406	1.0896
1517.	798.9	-16.3	0.7	0.9	-16.4	99.	1.4569	1.2295	1.0848
1558.	794.6	-16.5	0.9	1.1	-16.6	99.	1.4299	1.2077	1.0797
1597.	790.4	-16.8	1.0	1.2	-16.9	99.	1.3904	1.1773	1.0753
1635.	786.5	-16.6	1.6	1.6	-16.7	99.	1.4166	1.1969	1.0692
1672.	782.6	-16.6	2.0	2.2	-16.7	99.	1.4166	1.1969	1.0639
1709.	778.7	-16.7	2.3	2.5	-16.8	99.	1.4034	1.1862	1.0590
1746.	774.9	-16.9	2.5	2.6	-16.9	100.	1.3903	1.1756	1.0546
1782.	771.2	-17.1	2.6	2.7	-16.9	100.	1.3644	1.1567	1.0504
1822.	767.1	-17.3	2.8	2.9	-16.9	100.	1.3330	1.1360	1.0456
1859.	763.3	-17.6	2.9	3.1	-16.9	100.	1.3018	1.1056	1.0416
1896.	759.5	-17.8	3.1	3.2	-16.9	100.	1.2774	1.0858	1.0372
1936.	755.5	-18.0	3.3	3.4	-16.9	100.	1.2535	1.0663	1.0326
1971.	751.9	-18.2	3.4	3.6	-16.9	100.	1.2301	1.0471	1.0284
2009.	748.1	-18.4	3.7	3.9	-16.9	100.	1.2184	1.0376	1.0236
2046.	744.4	-18.6	3.8	4.0	-16.9	100.	1.1843	1.0097	1.0197
2084.	740.6	-18.9	3.9	4.0	-16.9	100.	1.1510	0.9824	1.0157
2121.	736.9	-19.1	4.0	4.2	-16.9	100.	1.1293	0.9646	1.0114
2155.	733.6	-19.3	4.2	4.3	-16.9	100.	1.1079	0.9471	1.0077
2193.	729.8	-19.6	4.3	4.4	-16.9	100.	1.0766	0.9214	1.0036
2226.	726.6	-19.9	4.3	4.4	-16.9	100.	1.0461	0.8963	1.0004
2256.	723.3	-20.2	4.3	4.4	-16.9	100.	1.0164	0.8719	0.9974
2294.	719.9	-20.5	4.4	4.5	-16.9	100.	0.9875	0.8480	0.9935
2331.	716.7	-20.7	4.5	4.7	-16.9	100.	0.9686	0.8325	0.9893
2368.	712.7	-20.8	4.8	5.0	-16.9	100.	0.9593	0.8245	0.9847
2409.	708.8	-20.9	5.2	5.3	-16.9	100.	0.9500	0.8172	0.9797
2445.	705.3	-20.9	5.6	5.7	-16.9	100.	0.9500	0.8172	0.9748
2483.	701.7	-20.9	6.0	6.1	-16.9	100.	0.9500	0.8172	0.9699
2519.	698.3	-20.9	6.5	6.6	-20.8	100.	0.9532	0.8236	0.9648
2557.	694.7	-20.7	7.0	7.1	-20.8	99.	0.9592	0.8236	0.9595
2597.	691.0	-20.6	7.5	7.7	-20.7	99.	0.9685	0.8313	0.9540
2630.	687.9	-20.7	7.8	7.9	-20.7	100.	0.9685	0.8313	0.9501
2672.	684.0	-20.7	8.2	8.4	-20.7	100.	0.9685	0.8312	0.9447
2711.	680.4	-20.7	8.7	8.8	-20.7	100.	0.9684	0.8312	0.9397
2749.	676.9	-20.9	8.8	9.0	-20.7	100.	0.9499	0.8171	0.9356
2790.	673.1	-21.0	9.2	9.3	-21.0	100.	0.9498	0.8084	0.9307
2828.	669.7	-21.2	9.4	9.5	-21.0	100.	0.9227	0.7946	0.9268
2870.	665.9	-21.4	9.6	9.7	-21.4	100.	0.9050	0.7784	0.9222
2912.	662.1	-21.6	9.8	10.0	-21.6	100.	0.8876	0.7645	0.9177
2955.	658.2	-21.8	10.1	10.2	-21.8	100.	0.8705	0.7504	0.9130
3002.	654.0	-22.1	10.3	10.4	-22.1	100.	0.8454	0.7491	0.9080
3047.	650.0	-22.4	10.4	10.6	-22.4	100.	0.8209	0.7468	0.9035
3086.	646.6	-22.6	10.6	10.8	-22.6	100.	0.8050	0.7466	0.8995
3123.	643.3	-22.8	10.7	10.9	-22.8	100.	0.7817	0.7450	0.8960
3162.	639.9	-23.0	10.9	11.0	-23.0	100.	0.7585	0.7408	0.8923
3199.	636.7	-23.5	10.9	11.0	-23.5	100.	0.7346	0.7428	0.8889
3240.	633.1	-23.7	11.1	11.0	-23.7	100.	0.7024	0.7419	0.8846
3277.	629.9	-24.0	11.1	11.0	-24.0	100.	0.6944	0.7433	0.8815
3315.	626.6	-24.4	11.1	11.0	-24.4	100.	0.6741	0.7391	0.8779
3355.	623.2	-24.7	11.2	11.1	-24.7	100.	0.6541	0.7399	0.8742
3394.	619.8	-25.0	11.4	11.4	-25.0	100.	0.6349	0.7387	0.8705
3435.	616.3	-25.0	11.4	11.4	-25.0	100.	0.6161	0.7378	0.8666
3472.	613.0	-25.6	11.5	11.5	-25.6	100.	0.5978	0.7372	0.8633
3511.	609.9	-25.9	11.9	11.7	-25.9	100.	0.5801	0.7369	0.8596
3551.	606.5	-26.0	11.9	12.0	-26.0	100.	0.5743	0.7335	0.8552
3586.	603.4	-26.4	11.9	12.0	-26.4	100.	0.5515	0.7304	0.8522
3629.	600.0	-26.6	12.1	12.0	-26.6	100.	0.5435	0.7313	0.8481
3668.	596.8	-26.9	12.2	12.0	-26.9	100.	0.5242	0.7305	0.8446

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RH0W (G/M**3)	RH0 (KG/M**3)
3704.	593.8	-27.3	12.2	12.3	99.9	100.	0.5034	0.2924	0.8417
3744.	590.5	-27.5	12.3	12.4	99.9	100.	0.4883	0.2836	0.8380
3783.	587.3	-27.9	12.4	12.5	99.9	100.	0.4735	0.2750	0.8345
3818.	584.4	-28.3	12.3	12.4	99.9	100.	0.4545	0.2640	0.8317
3858.	581.2	-28.5	12.5	12.6	99.9	100.	0.4453	0.2586	0.8278
3894.	578.3	-28.7	12.7	12.8	99.9	100.	0.4352	0.2534	0.8244
3929.	575.4	-28.9	12.9	12.9	99.9	100.	0.4273	0.2482	0.8209
3968.	572.3	-29.2	13.0	13.0	99.9	100.	0.4143	0.2406	0.8175
4009.	569.0	-29.4	13.2	13.3	99.9	100.	0.4058	0.2357	0.8134
4046.	566.1	-29.6	13.4	13.5	99.9	100.	0.3975	0.2309	0.8099
4085.	563.0	-29.9	13.5	13.5	99.9	100.	0.3853	0.2238	0.8065
4124.	559.9	-30.0	13.8	13.9	99.9	100.	0.3813	0.2215	0.8024
4163.	556.8	-30.2	14.0	14.1	99.9	100.	0.3734	0.2169	0.7986
4203.	553.7	-30.5	14.1	14.2	99.9	100.	0.3619	0.2102	0.7951
4243.	550.6	-30.8	14.2	14.3	99.9	100.	0.3507	0.2037	0.7916
4284.	547.4	-31.1	14.4	14.4	99.9	100.	0.3399	0.1974	0.7880
4324.	544.3	-31.4	14.5	14.5	99.9	100.	0.3293	0.1913	0.7845
4365.	541.1	-31.7	14.6	14.6	99.9	100.	0.3191	0.1853	0.7810
4403.	538.3	-32.0	14.7	14.7	99.9	100.	0.3091	0.1795	0.7778
4442.	535.3	-32.4	14.8	14.7	99.9	100.	0.2963	0.1721	0.7747
4483.	532.2	-32.7	14.8	14.8	99.9	100.	0.2870	0.1667	0.7712
4523.	529.2	-32.9	15.0	15.0	99.9	100.	0.2809	0.1632	0.7675
4564.	526.1	-33.1	15.2	15.3	99.9	100.	0.2750	0.1597	0.7636
4603.	523.2	-33.4	15.3	15.4	99.9	100.	0.2663	0.1547	0.7604
4642.	520.3	-33.7	15.4	15.5	99.9	100.	0.2579	0.1498	0.7571
4686.	517.0	-34.1	15.5	15.5	99.9	100.	0.2471	0.1435	0.7536
4736.	513.3	-34.4	15.7	15.7	99.9	100.	0.2392	0.1389	0.7491
4781.	510.0	-34.7	15.9	15.9	99.9	100.	0.2316	0.1345	0.7452
4820.	507.2	-35.0	16.0	16.0	99.9	100.	0.2242	0.1302	0.7420
4861.	504.1	-35.3	16.1	16.1	99.9	100.	0.2170	0.1260	0.7386
4898.	501.5	-35.6	16.2	16.2	99.9	100.	0.2100	0.1220	0.7356
4941.	498.4	-35.8	16.4	16.5	99.9	100.	0.2055	0.1193	0.7316
4980.	495.6	-36.2	16.4	16.4	99.9	100.	0.1967	0.1142	0.7287
5021.	492.7	-36.5	16.5	16.6	99.9	100.	0.1903	0.1105	0.7254
5063.	489.7	-36.8	16.7	16.7	99.9	100.	0.1841	0.1069	0.7219
5100.	487.1	-37.1	16.7	16.8	99.9	100.	0.1781	0.1035	0.7190
5142.	484.1	-37.4	16.9	16.9	99.9	100.	0.1723	0.1001	0.7154
5182.	481.3	-37.7	17.0	17.0	99.9	100.	0.1667	0.0968	0.7122
5223.	478.5	-38.1	17.0	17.0	99.9	100.	0.1594	0.0926	0.7093
5264.	475.6	-38.4	17.1	17.1	99.9	100.	0.1542	0.0896	0.7059
5306.	472.7	-38.7	17.2	17.3	99.9	100.	0.1491	0.0866	0.7025
5348.	469.8	-39.0	17.4	17.4	99.9	100.	0.1442	0.0837	0.6990
5391.	466.9	-39.4	17.4	17.4	99.9	100.	0.1378	0.0801	0.6959
5429.	464.1	-39.8	17.4	17.4	99.9	100.	0.1317	0.0765	0.6932
5469.	461.6	-40.0	17.6	17.6	99.9	100.	0.1288	0.0748	0.6898
5509.	458.9	-40.3	17.7	17.7	99.9	100.	0.1245	0.0723	0.6866
5552.	455.5	-40.7	17.7	17.8	99.9	100.	0.1190	0.0691	0.6835
5589.	452.8	-40.9	18.0	18.0	99.9	100.	0.1163	0.0675	0.6803
5628.	450.0	-41.3	17.9	18.0	99.9	100.	0.1111	0.0645	0.6776
5669.	447.1	-41.6	18.0	18.1	99.9	100.	0.1073	0.0623	0.6744
5705.	445.2	-41.9	18.1	18.1	99.9	100.	0.1037	0.0602	0.6716
5743.	443.3	-42.2	18.2	18.2	99.9	100.	0.1002	0.0582	0.6687
5781.	441.4	-42.5	18.3	18.3	99.9	100.	0.0968	0.0562	0.6658
5821.	439.5	-42.7	18.5	18.6	99.9	100.	0.0945	0.0549	0.6625
5859.	437.6	-43.1	18.5	18.5	99.9	100.	0.0903	0.0524	0.6600
5900.	435.6	-43.5	18.5	18.5	99.9	100.	0.0861	0.0500	0.6570
5937.	433.7	-43.8	18.6	18.6	99.9	100.	0.0832	0.0483	0.6542
5976.	431.8	-44.2	18.6	18.6	99.9	100.	0.0794	0.0461	0.6516
6017.	429.9	-44.5	18.7	18.7	99.9	100.	0.0766	0.0445	0.6485
6055.	428.0	-44.8	18.7	18.7	99.9	100.	0.0731	0.0423	0.6459
6089.	426.1	-45.3	18.6	18.6	99.9	100.	0.0697	0.0405	0.6437
6131.	424.2	-45.6	18.7	18.7	99.9	100.	0.0673	0.0391	0.6406
6162.	422.3	-45.9	18.8	18.8	99.9	100.	0.0657	0.0382	0.6381
6201.	420.4	-46.1	18.9	19.0	99.9	100.	0.0634	0.0368	0.6352
6241.	418.5	-46.4	19.1	19.1	99.9	100.	0.0612	0.0355	0.6322
6277.	416.6	-46.8	19.0	19.0	99.9	100.	0.0583	0.0339	0.6300
6315.	414.7	-47.0	19.2	19.2	99.9	100.	0.0569	0.0331	0.6268
6351.	412.8	-47.4	19.2	19.2	99.9	100.	0.0542	0.0315	0.6245
6387.	410.9	-47.7	19.3	19.3	99.9	100.	0.0523	0.0304	0.6220
6420.	409.0	-48.0	19.3	19.3	99.9	100.	0.0504	0.0293	0.6197
6464.	407.1	-48.4	19.3	19.3	99.9	100.	0.0485	0.0279	0.6166
6508.	405.2	-48.8	19.3	19.3	99.9	100.	0.0457	0.0266	0.6138
6539.	403.3	-49.1	19.5	19.5	99.9	100.	0.0441	0.0256	0.6115
6580.	401.4	-49.5	19.5	19.5	99.9	100.	0.0419	0.0241	0.6085
6621.	399.5	-49.7	19.6	19.6	99.9	100.	0.0410	0.0239	0.6055
6665.	397.6	-50.0	19.6	19.6	99.9	100.	0.0395	0.0229	0.6023
6701.	395.7	-50.3	19.8	19.8	99.9	100.	0.0380	0.0221	0.5998
6745.	393.8	-50.7	19.8	19.8	99.9	100.	0.0362	0.0210	0.5968
6789.	391.9	-51.0	20.0	20.0	99.9	100.	0.0345	0.0205	0.5933
6832.	390.0	-51.3	20.0	20.0	99.9	100.	0.0336	0.0195	0.5904
6877.	388.1	-51.6	20.0	20.0	99.9	100.	0.0323	0.0188	0.5871
6919.	386.2	-51.9	20.0	20.0	99.9	100.	0.0311	0.0181	0.5842
6966.	384.3	-52.2	20.0	20.0	99.9	100.	0.0300	0.0174	0.5807
7007.	382.4	-52.7	20.0	20.0	99.9	100.	0.0282	0.0164	0.5784
7049.	380.5	-53.2	20.0	20.0	99.9	100.	0.0275	0.0159	0.5751

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
7104.	360.5	-53.3	21.1	21.1	99.9	100.	0.0261	0.0152	1.5712
7152.	357.8	-53.6	21.3	21.3	99.9	100.	0.0251	0.0146	0.5677
7194.	355.5	-54.0	21.3	21.3	99.9	100.	0.0239	0.0139	0.5651
7233.	353.3	-54.4	21.3	21.3	99.9	100.	0.0227	0.0132	0.5626
7281.	350.7	-54.8	21.4	21.4	99.9	100.	0.0215	0.0125	0.5595
7328.	348.1	-55.0	21.7	21.7	99.9	100.	0.0212	0.0122	0.5559
7378.	345.4	-55.4	21.9	21.9	99.9	100.	0.0199	0.0116	0.5526
7422.	343.0	-55.8	21.9	21.9	99.9	100.	0.0189	0.0110	0.5498
7474.	340.2	-56.2	22.0	22.0	99.9	100.	0.0179	0.0104	0.5463
7521.	337.7	-56.1	22.8	22.8	99.9	100.	0.0182	0.0106	0.5428
7562.	335.5	-56.4	22.9	22.9	99.9	100.	0.0175	0.0102	0.5392
7610.	333.0	-56.9	22.9	22.9	99.9	100.	0.0164	0.0095	0.5364
7661.	330.3	-57.1	23.3	23.3	99.9	100.	0.0159	0.0093	0.5326
7690.	328.8	-57.4	23.3	23.3	99.9	100.	0.0153	0.0089	0.5309
7753.	325.5	-57.6	23.9	23.9	99.9	100.	0.0149	0.0087	0.5261
7792.	323.5	-57.9	24.0	24.0	99.9	100.	0.0143	0.0083	0.5236
7829.	321.6	-58.2	24.1	24.1	99.9	100.	0.0138	0.0080	0.5212
7868.	319.6	-58.4	24.3	24.3	99.9	100.	0.0134	0.0078	0.5185
7914.	317.3	-58.7	24.5	24.5	99.9	100.	0.0129	0.0075	0.5154
7961.	314.9	-59.0	24.7	24.7	99.9	100.	0.0124	0.0072	0.5123
8011.	312.4	-59.3	25.0	25.0	99.9	100.	0.0119	0.0069	0.5089
8055.	310.2	-59.6	25.2	25.2	99.9	100.	0.0114	0.0066	0.5060
8086.	308.7	-59.9	25.2	25.2	99.9	100.	0.0110	0.0064	0.5043
8155.	305.3	-60.1	25.8	25.8	99.9	100.	0.0107	0.0062	0.4992
8206.	302.8	-60.5	26.0	26.0	99.9	100.	0.0101	0.0059	0.4960
8218.	302.2	-60.9	25.6	25.6	99.9	100.	0.0096	0.0056	0.4960

SOUNDING 26.0
 LATITUDE -60.1 LONGITUDE 0.3
 DATE 11-11-81 TIME 0639 GMT
 NUMBER OF LEVELS 30

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	1003.2	-1.8	-2.0	-1.5	-1.8	100.	5.2877	4.2224	1.2921
16.	1001.2	-1.8	-1.9	-1.4	-1.8	100.	5.2877	4.2448	1.2896
78.	993.4	-2.4	-1.9	-1.4	-1.8	100.	5.0287	4.0449	1.2822
126.	987.4	-2.8	-1.8	-1.3	-1.8	100.	4.8624	3.9164	1.2762
230.	974.5	-3.2	-1.2	-0.7	-1.8	100.	4.7011	3.7917	1.2613
282.	968.1	-3.2	-0.7	-0.2	-3.2	100.	4.7010	3.7733	1.2531
332.	962.0	-3.1	-0.1	0.4	-3.2	100.	4.7194	3.8057	1.2448
454.	947.3	-2.4	1.0	2.4	-3.2	98.	4.9501	3.9824	1.2228
672.	921.7	0.0	6.4	7.1	-3.2	97.	5.9218	4.7282	1.1802
715.	916.8	0.6	7.5	8.2	-3.2	96.	6.1606	4.9092	1.1716
842.	902.4	0.6	8.7	9.5	-3.2	95.	6.0892	4.8517	1.1532
934.	892.1	0.6	9.7	10.4	-3.2	94.	6.0358	4.7915	1.1400
1752.	805.4	-0.9	16.5	17.2	-3.2	97.	5.4995	4.4071	1.0350
2742.	710.3	-7.5	19.8	20.3	-3.2	100.	3.2328	2.6487	0.9341
2783.	706.6	-7.4	20.3	20.8	-3.2	100.	3.2447	2.6743	0.9289
2904.	695.7	-7.8	21.2	21.7	-7.8	100.	3.1642	2.5838	0.9159
2950.	691.6	-8.0	21.4	22.0	-8.0	100.	3.1593	2.5409	0.9112
2984.	688.6	-8.2	21.6	22.1	-8.2	100.	3.0554	2.4987	0.9079
3072.	680.8	-8.7	22.0	22.5	-8.7	100.	2.9241	2.4062	0.8992
3115.	677.0	-8.9	22.2	22.7	-8.9	100.	2.8731	2.3555	0.8948
3151.	673.9	-9.5	22.0	22.4	-9.5	97.	2.6301	2.1648	0.8926
3197.	669.9	-9.9	22.0	22.5	-9.9	100.	2.6300	2.1648	0.8886
3242.	666.0	-10.0	22.4	22.8	-10.0	100.	2.6067	2.1464	0.8838
3282.	662.5	-10.4	22.4	22.8	-10.4	100.	2.5156	2.0745	0.8804
3451.	648.1	-11.5	23.0	23.4	-11.5	100.	2.2798	1.8947	0.8648
3576.	637.6	-11.8	24.0	24.4	-11.8	100.	2.2191	1.8462	0.8517
3670.	629.8	-12.5	24.3	24.7	-12.5	100.	2.0832	1.7317	0.8435
3716.	626.0	-12.8	24.5	24.8	-12.8	100.	2.0273	1.6872	0.8393
3745.	623.6	-13.2	24.3	24.7	-13.2	100.	1.9549	1.6295	0.8373
3799.	619.2	-14.4	23.6	23.9	-14.4	100.	1.7518	1.5175	0.8347

SOUNDING 27.0
 LATITUDE -60.1 LONGITUDE 0.2
 DATE 11-11-81 TIME 0849 GMT
 NUMBER OF LEVELS 60

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	1005.0	-0.2	-0.6	0.0	-0.2	100.	5.0386	4.7937	1.2875
8.	1004.0	-0.1	-0.4	0.2	-0.3	98.	5.9890	4.7561	1.2857
12.	1003.5	0.1	-0.2	0.4	-0.3	97.	5.9889	4.7560	1.2841
18.	1002.8	0.3	0.1	0.7	-0.3	95.	5.9889	4.7560	1.2823
25.	1001.9	0.2	0.1	0.7	-0.4	95.	5.9497	4.7186	1.2815
26.	1001.8	0.3	0.2	0.8	-0.3	95.	5.9499	4.7561	1.2810
29.	1001.4	0.0	-0.1	0.5	-0.5	96.	5.8407	4.6915	1.2818

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHQW (G/M+3)	RHO (KG/M+3)
32.	1001.0	-3.1	-0.2	0.4	-0.5	97.	5.8907	4.6815	1.2818
36.	1000.5	-0.2	-0.2	0.4	-0.5	98.	5.8907	4.6815	1.2816
37.	1000.4	-0.1	-0.1	0.5	-0.5	96.	5.8422	4.6446	1.2810
41.	999.9	-0.2	-0.2	0.4	-0.6	97.	5.8422	4.6446	1.2808
42.	999.7	-0.1	-0.1	0.5	-0.4	98.	5.9396	4.7186	1.2801
43.	999.6	-0.2	-0.2	0.4	-0.5	98.	5.8907	4.6815	1.2804
63.	997.1	-0.1	-0.1	0.7	-0.5	97.	5.8907	4.6815	1.2768
137.	957.9	-0.7	0.2	0.9	-0.8	99.	5.7460	4.5714	1.2677
196.	900.5	-1.1	0.4	1.0	-1.2	99.	5.5582	4.4286	1.2601
253.	873.6	-1.4	0.7	1.3	-1.5	99.	5.4210	4.3240	1.2524
323.	865.1	-1.4	1.0	1.5	-1.8	100.	5.2869	4.2217	1.2432
380.	857.0	-2.2	1.2	1.8	-2.2	100.	5.1129	4.0888	1.2345
453.	849.4	-2.1	1.9	2.5	-2.9	100.	5.1557	4.1440	1.2243
515.	842.1	-1.6	3.1	3.7	-2.3	100.	5.3753	4.3138	1.2129
577.	834.8	-1.2	4.1	4.7	-1.9	100.	5.5571	4.4542	1.2019
631.	828.5	-0.8	5.0	5.7	-0.8	100.	5.7445	4.5703	1.1922
682.	822.5	-0.5	5.9	6.5	-0.6	99.	5.8403	4.6431	1.1833
775.	811.0	-0.2	7.1	7.8	-0.4	97.	5.8312	4.6589	1.1685
826.	806.1	0.0	7.8	8.5	-0.6	95.	5.8399	4.6428	1.1602
875.	800.6	0.0	8.3	9.0	-0.6	95.	5.8399	4.6427	1.1532
927.	794.7	-0.2	8.6	9.3	-0.5	98.	5.8881	4.6794	1.1466
985.	788.3	-0.3	9.1	9.8	-0.5	98.	5.8880	4.6793	1.1388
1041.	782.0	-0.5	9.5	10.2	-0.6	99.	5.8393	4.6423	1.1316
1095.	776.1	-0.7	9.8	10.5	-0.7	100.	5.7910	4.6056	1.1248
1143.	870.9	-0.7	10.3	11.0	-0.7	100.	5.7909	4.6055	1.1182
1194.	865.3	-0.7	10.8	11.5	-0.7	100.	5.7908	4.6054	1.1110
1266.	860.2	-0.7	11.3	12.2	-0.7	100.	5.7906	4.6053	1.1019
1328.	851.8	-0.8	12.0	12.7	-0.8	100.	5.7427	4.5689	1.0941
1385.	844.9	-0.9	12.5	13.3	-0.9	100.	5.6951	4.5634	1.0857
1432.	838.4	-0.9	13.0	13.7	-0.9	100.	5.6950	4.5635	1.0793
1503.	832.4	-1.2	13.4	14.2	-0.9	100.	5.5548	4.4556	1.0707
1647.	812.4	-1.8	14.8	15.6	-0.9	100.	5.2835	4.2467	1.0472
1878.	794.1	-2.5	15.9	16.6	-0.9	100.	4.9825	4.0141	1.0261
1954.	786.1	-2.7	16.5	17.2	-0.9	100.	4.8934	3.9499	1.0165
2548.	724.3	-5.8	19.4	20.0	-0.9	100.	3.7634	3.0660	0.9534
2748.	711.2	-6.0	21.3	21.9	-6.0	100.	3.6989	3.0001	0.9304
2932.	694.5	-6.5	22.8	23.3	-6.5	100.	3.5425	2.8786	0.9102
3076.	681.8	-7.1	23.7	24.2	-7.1	100.	3.3629	2.7388	0.8955
3142.	676.0	-7.4	24.0	24.6	-7.4	100.	3.2762	2.6713	0.8888
3204.	670.2	-7.7	24.4	25.0	-7.7	100.	3.1916	2.6052	0.8821
3346.	658.5	-8.5	25.4	25.9	-8.2	100.	3.0550	2.4984	0.8683
3411.	653.0	-8.9	25.5	26.3	-8.9	99.	2.9498	2.4261	0.8620
3477.	647.5	-8.6	26.6	26.9	-8.6	98.	2.8991	2.3755	0.8552
3532.	642.9	-8.9	26.6	27.1	-8.9	97.	2.7977	2.2967	0.8498
3685.	630.3	-9.4	27.6	28.2	-9.9	94.	2.5717	2.1214	0.8346
3767.	623.6	-9.6	28.8	29.3	-10.6	91.	2.4708	2.0391	0.8263
3827.	619.1	-10.1	29.8	29.8	-10.9	93.	2.4154	1.9875	0.8219
4068.	599.6	-11.7	30.9	30.5	-9.6	93.	2.0847	1.2109	0.8001
4368.	577.0	-13.9	30.0	30.0	-9.6	93.	1.7075	0.9918	0.7763
4451.	567.2	-15.1	30.0	30.6	-9.6	93.	1.5291	0.8882	0.7666
4686.	552.7	-16.5	30.4	31.1	-9.9	93.	1.3427	0.7799	0.7510
4908.	538.6	-18.0	31.6	31.9	-9.9	93.	1.1862	0.6774	0.7333
5312.	508.2	-19.7	34.4	34.6	-9.9	93.	0.9921	0.5762	0.6991

SOUNDING 28.0
 LATITUDE -60.1 LONGITUDE 0.4
 DATE 11-11-51 TIME 1454 GMT
 NUMBER OF LEVELS 36

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHQW (G/M+3)	RHO (KG/M+3)
0.	1004.5	1.0	0.8	1.0	0.5	95.	5.3441	5.0392	1.2805
3.	1004.1	1.4	1.1	1.7	0.6	94.	5.4103	5.0739	1.2791
6.	1003.7	1.7	1.4	2.1	0.8	94.	5.5035	5.1440	1.2773
9.	1003.5	2.0	1.6	2.3	0.9	100.	5.6277	4.9362	1.2736
12.	1003.0	2.3	1.8	2.5	1.0	100.	5.9581	4.7557	1.2668
15.	1001.0	-0.7	2.0	2.8	-0.3	100.	5.7936	4.6076	1.2589
24.	967.4	-1.1	0.5	1.5	-1.1	100.	5.6944	4.4637	1.2521
29.	967.3	-1.5	1.0	1.6	-1.5	100.	5.4210	4.3230	1.2455
33.	961.5	-0.4	2.7	3.6	-1.0	95.	5.6539	4.4991	1.2325
39.	955.6	0.0	3.0	3.6	0.9	96.	5.5495	5.1785	1.2146
43.	951.8	2.7	6.1	7.4	1.8	96.	4.9849	5.5061	1.2075
52.	941.2	3.8	8.4	9.3	2.9	92.	7.2735	5.7431	1.1905
57.	931.7	3.0	8.5	10.0	2.5	91.	7.3442	5.7731	1.1823
66.	924.5	4.1	10.4	11.8	3.9	93.	7.6357	6.0172	1.1681
81.	907.8	3.2	11.2	13.0	3.2	97.	7.6190	5.9703	1.1401
86.	912.4	3.2	11.4	12.6	3.4	95.	6.5493	5.1775	1.1427
95.	892.2	2.5	11.4	12.6	2.2	91.	5.2749	4.9344	1.1330
98.	887.7	2.1	11.8	12.6	2.1	87.	5.0179	4.9005	1.1290
117.	866.4	-1.0	10.0	11.6	0.9	92.	5.4806	4.3848	1.1131
121.	862.4	-1.3	11.5	12.0	-1.1	93.	5.6119	4.4617	1.1064
196.	784.0	-2.1	17.2	17.7	-5.3	76.	3.9244	3.1787	1.0134

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
2386.	745.6	-2.9	20.7	21.3	-6.3	75.	3.6050	2.9272	0.9640
2412.	743.2	-3.2	20.7	21.2	-9.9	75.	3.5045	2.8263	0.9519
2467.	738.0	-3.3	21.2	21.7	-6.8	74.	3.4523	2.8085	0.9555
2532.	728.4	-3.5	22.3	22.6	-9.9	76.	3.4682	2.8165	0.9413
2596.	639.0	-8.1	22.1	28.6	-9.9	93.	2.8597	2.3477	0.8422
3646.	634.9	-8.2	28.5	29.2	-9.9	94.	2.8595	2.3491	0.8371
3659.	630.9	-8.2	28.4	28.9	-9.9	94.	2.7365	2.2528	0.8337
3787.	623.4	-9.3	28.2	29.3	-9.9	96.	2.6613	2.1949	0.8253
3832.	619.8	-9.4	29.2	29.7	-9.9	97.	2.6585	2.1935	0.8208
3871.	616.7	-9.7	29.3	29.8	-10.0	97.	2.6062	2.1460	0.8176
3921.	612.7	-10.2	29.3	29.7	-10.8	95.	2.4270	2.0045	0.8137
3970.	608.8	-10.2	29.8	30.3	-11.1	92.	2.3627	1.9536	0.8085
4009.	605.7	-10.3	30.2	30.6	-11.6	89.	2.2590	1.8715	0.8046
4226.	588.8	-11.8	30.9	31.2	-9.9	64.	1.4146	1.1756	0.7860
4281.	584.6	-12.5	30.7	30.9	-18.5	57.	1.1948	1.0166	0.7823

SOUNDING 29.0
 LATITUDE -60.0 LONGITUDE 0.2
 DATE 11-11-81 TIME 1755 GMT
 NUMBER OF LEVELS 14

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	1003.4	0.6	0.3	1.0	0.2	97.	6.2273	4.9363	1.2818
14.	1001.6	1.0	0.9	1.5	0.3	95.	6.2726	4.9704	1.2777
79.	993.6	-0.1	0.4	1.0	-0.1	100.	6.0883	4.8314	1.2725
135.	986.1	-0.4	0.7	1.3	-0.6	99.	5.8904	4.6812	1.2641
205.	978.0	-0.4	1.3	2.0	-0.6	99.	5.8417	4.6442	1.2538
269.	970.2	0.7	3.1	3.7	0.0	95.	6.1369	4.8682	1.2390
397.	955.0	4.6	8.2	9.2	3.7	94.	7.9960	6.2582	1.2040
458.	947.9	4.6	8.9	9.8	4.0	96.	8.1664	6.3846	1.1953
582.	933.5	4.0	9.5	10.4	9.9	97.	7.9050	6.2330	1.1796
638.	927.1	3.8	9.9	10.8	3.4	97.	7.8278	6.1332	1.1723
701.	920.6	4.1	10.8	11.7	3.5	96.	7.8831	6.1742	1.1621
874.	900.6	4.4	12.8	13.8	3.7	95.	7.9946	6.2570	1.1366
882.	899.7	4.3	12.8	13.8	9.9	95.	7.9386	6.6110	1.1343
1133.	872.3	3.3	14.3	15.2	9.9	95.	7.3983	4.2972	1.1035

SOUNDING 30.0
 LATITUDE -60.0 LONGITUDE 0.3
 DATE 11-11-81 TIME 2056 GMT
 NUMBER OF LEVELS 198

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	1000.5	0.4	0.5	1.1	0.1	97.	6.1823	4.9024	1.2786
29.	998.0	0.2	0.4	1.0	0.0	99.	6.1375	4.8686	1.2767
82.	993.0	-0.1	0.7	1.3	-0.2	99.	6.0382	4.7934	1.2682
140.	983.0	-0.5	0.8	1.4	-0.6	100.	5.8903	4.6811	1.2609
205.	975.2	-0.6	1.4	2.0	-0.6	100.	5.8416	4.6441	1.2511
269.	967.9	-0.6	2.0	2.6	-0.7	99.	5.7933	4.6074	1.2417
322.	961.0	1.5	4.4	5.1	-0.1	90.	6.0875	4.8308	1.2246
358.	956.7	3.0	6.5	7.3	1.6	91.	6.8876	5.4318	1.2123
395.	952.4	3.8	7.7	8.7	2.8	93.	7.5029	5.8914	1.2039
432.	948.1	5.7	10.0	10.9	4.3	91.	8.3402	6.5134	1.1909
475.	943.1	5.9	10.6	11.6	5.2	95.	8.8811	6.9135	1.1843
522.	937.7	6.1	11.3	12.3	5.4	95.	9.0054	7.0051	1.1768
566.	932.2	6.1	11.7	12.8	5.4	95.	9.0652	7.0050	1.1705
613.	927.3	5.9	12.0	13.0	5.2	95.	8.8807	6.9131	1.1645
658.	922.3	5.6	12.1	13.1	4.9	95.	8.6968	6.7773	1.1594
703.	917.2	5.4	12.4	13.4	4.7	95.	8.5760	6.6880	1.1538
752.	911.7	5.2	12.8	13.6	4.4	95.	8.3978	6.5560	1.1476
796.	906.8	5.0	12.9	13.9	4.1	94.	8.2228	6.4264	1.1421
839.	902.0	4.8	13.1	14.1	3.7	93.	7.9946	6.2570	1.1368
888.	896.6	4.5	13.8	14.7	3.2	88.	7.7171	6.0508	1.1290
929.	892.1	5.0	14.4	15.3	2.8	84.	7.5013	5.8902	1.1224
973.	887.3	5.2	14.9	15.8	2.4	82.	7.2909	5.7332	1.1162
1019.	882.4	5.1	15.2	16.1	2.1	81.	7.1365	5.6179	1.1104
1065.	877.4	4.9	15.5	16.4	1.8	80.	6.9850	5.5047	1.1048
1113.	872.7	4.7	15.7	16.6	1.5	80.	6.8364	5.3934	1.0996
1155.	867.8	4.6	16.1	16.9	1.3	79.	6.7336	5.3203	1.0937
1209.	862.0	4.3	16.3	17.2	1.1	80.	6.6424	5.2481	1.0876
1256.	857.1	4.1	16.6	17.4	0.7	78.	6.4535	5.1062	1.0820
1299.	852.5	3.9	16.8	17.6	0.3	77.	6.2694	4.9678	1.0769
1342.	847.6	3.8	17.2	18.1	0.4	78.	6.3148	5.0020	1.0717
1383.	843.8	3.7	17.5	18.3	0.6	80.	6.4068	5.0711	1.0668
1426.	839.3	3.5	17.7	18.5	0.7	82.	6.4531	5.1059	1.0620
1467.	835.1	3.2	17.8	18.6	0.5	82.	6.3674	5.0363	1.0577
1509.	830.7	2.9	17.9	18.8	0.3	83.	6.2649	4.9674	1.0533

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RH0W (G/M+3)	RH0 (KG/M+3)
1550.	826.5	2.6	18.0	18.8	0.1	84.	6.1785	4.8994	1.0490
1592.	822.3	2.3	18.1	19.0	0.0	85.	6.1338	4.8657	1.0448
1634.	818.0	2.1	18.4	19.3	0.0	86.	6.1337	4.8656	1.0401
1672.	814.1	1.8	18.4	19.3	0.0	88.	6.1336	4.8656	1.0363
1712.	810.1	1.5	18.5	19.4	-0.2	88.	6.0337	4.7898	1.0323
1753.	806.0	1.3	18.7	19.6	-0.3	89.	5.9840	4.7521	1.0278
1794.	801.9	0.9	18.7	19.5	-0.6	89.	5.8574	4.6408	1.0240
1834.	797.9	0.6	18.8	19.6	-1.0	89.	5.6478	4.4968	1.0199
1874.	793.9	0.3	18.9	19.7	-1.3	88.	5.5079	4.3901	1.0158
1917.	789.7	0.0	19.1	19.8	-1.6	88.	5.4169	4.3207	1.0115
1959.	785.5	-0.3	19.2	19.9	-1.7	89.	5.3272	4.2523	1.0071
2002.	781.3	-0.5	19.4	20.1	-2.0	88.	5.1853	4.1517	1.0024
2041.	777.5	-0.7	19.6	20.3	-2.2	88.	5.1090	4.0857	0.9982
2086.	773.2	-1.0	19.7	20.5	-2.4	89.	5.0240	4.0207	0.9937
2132.	768.7	-1.1	20.1	20.8	-2.5	89.	4.9820	3.9885	0.9883
2172.	764.8	-1.4	20.2	21.0	-2.8	89.	4.8579	3.9935	0.9844
2216.	760.6	-1.7	20.6	21.0	-3.3	87.	4.6574	3.7393	0.9798
2262.	756.3	-1.9	20.6	21.1	-3.7	86.	4.5525	3.6207	0.9749
2311.	751.6	-2.1	21.0	21.6	-4.3	83.	4.2789	3.4486	0.9694
2363.	746.7	-2.3	21.3	21.9	-4.4	80.	4.0655	3.2840	0.9637
2406.	742.7	-2.6	21.4	22.0	-5.3	78.	3.9287	3.1782	0.9595
2449.	738.6	-2.7	21.7	22.3	-5.6	78.	3.8288	3.1005	0.9545
2490.	734.8	-3.0	21.9	22.4	-5.8	79.	3.7635	3.0502	0.9506
2529.	731.2	-3.1	22.2	22.7	-5.9	79.	3.7312	3.0252	0.9463
2576.	726.9	-3.2	22.5	23.1	-5.9	79.	3.7312	3.0251	0.9411
2618.	723.0	-3.4	22.8	23.4	-6.0	80.	3.6991	3.0003	0.9367
2654.	719.7	-3.5	23.1	23.6	-6.1	80.	3.6677	2.9756	0.9328
2695.	716.0	-3.7	23.3	23.8	-6.3	80.	3.6046	2.9269	0.9286
2734.	712.5	-4.0	23.4	23.9	-6.4	81.	3.5735	2.9020	0.9251
2773.	709.0	-4.2	23.6	24.1	-6.5	82.	3.5427	2.8788	0.9212
2810.	705.6	-4.5	23.6	24.2	-6.7	83.	3.4815	2.8315	0.9178
2849.	702.1	-4.9	23.8	24.2	-6.9	84.	3.4220	2.7849	0.9146
2889.	698.6	-5.1	23.8	24.4	-7.2	84.	3.3340	2.7163	0.9106
2930.	694.9	-5.3	24.4	24.6	-7.3	84.	3.3051	2.6938	0.9065
2969.	691.5	-5.6	24.1	24.7	-7.6	84.	3.2198	2.6273	0.9030
2997.	688.0	-6.0	24.0	24.9	-7.9	85.	3.1366	2.5623	0.9010
3038.	685.4	-6.3	24.1	24.6	-8.3	84.	3.0287	2.4778	0.8972
3082.	681.6	-6.6	24.4	24.8	-8.7	83.	2.9241	2.3950	0.8929
3123.	678.0	-6.7	24.6	25.0	-9.1	81.	2.8229	2.3165	0.8887
3166.	674.6	-6.9	24.6	25.0	-9.4	80.	2.7451	2.2585	0.8849
3208.	670.5	-7.1	25.0	25.4	-9.7	80.	2.6771	2.2019	0.8806
3246.	667.4	-7.2	25.5	25.7	-9.8	80.	2.7244	2.2394	0.8768
3284.	663.3	-7.3	25.5	25.6	-9.5	84.	2.7244	2.2394	0.8721
3326.	659.7	-7.7	25.6	25.6	-9.6	85.	2.7007	2.2204	0.8680
3369.	655.3	-8.0	25.6	26.0	-9.7	86.	2.6769	2.2017	0.8631
3431.	651.7	-8.8	25.6	26.0	-9.4	87.	2.5628	2.1646	0.8594
3486.	647.6	-8.6	26.0	26.0	-10.0	88.	2.6365	2.1462	0.8546
3544.	643.9	-8.7	26.6	27.2	-10.3	87.	2.5379	2.0921	0.8503
3604.	640.6	-9.0	26.6	27.3	-10.7	86.	2.4490	2.0215	0.8468
3612.	636.6	-9.3	27.7	27.5	-9.9	87.	2.4380	1.9784	0.8425
3653.	633.2	-9.5	27.7	27.7	-9.9	87.	2.3726	1.9556	0.8386
3702.	629.0	-9.7	27.6	27.6	-9.9	88.	2.3436	1.9347	0.8343
3754.	625.0	-10.0	27.8	27.8	-9.9	88.	2.2971	1.8984	0.8305
3797.	621.1	-10.4	27.8	27.8	-9.9	89.	2.2990	1.8448	0.8258
3847.	617.5	-10.7	28.0	28.4	-9.9	89.	2.1978	1.8064	0.8214
3896.	613.4	-11.1	28.0	28.6	-9.9	90.	2.1217	1.7596	0.8172
3952.	609.1	-11.3	28.0	28.6	-9.9	90.	2.0971	1.7413	0.8111
4007.	604.7	-11.6	28.8	29.0	-9.9	91.	2.0555	1.7087	0.8051
4059.	600.6	-11.9	29.3	29.4	-9.9	92.	2.0136	1.6757	0.8002
4108.	596.6	-12.0	29.6	29.6	-9.9	92.	1.9716	1.6425	0.7958
4154.	593.2	-12.0	29.9	29.9	-9.9	93.	1.9247	1.6094	0.7914
4202.	589.9	-12.8	30.0	30.0	-9.9	93.	1.8849	1.5771	0.7870
4251.	585.7	-13.1	30.0	30.0	-9.9	94.	1.8441	1.5456	0.7826
4291.	582.6	-13.3	30.0	30.4	-9.9	94.	1.8046	1.5263	0.7782
4340.	578.9	-13.6	30.9	30.6	-9.9	95.	1.7735	1.4565	0.7738
4379.	575.9	-13.6	30.4	30.7	-9.9	95.	1.7457	1.4635	0.7753
4431.	572.0	-14.2	30.0	30.0	-9.9	96.	1.7088	1.4342	0.7704
4477.	568.5	-14.6	30.7	31.1	-9.9	96.	1.6663	1.3921	0.7674
4523.	565.3	-14.8	30.0	31.1	-9.9	97.	1.6193	1.3625	0.7639
4573.	561.6	-15.1	31.1	31.6	-9.9	97.	1.5844	1.3346	0.7598
4613.	558.4	-15.4	31.1	31.6	-9.9	97.	1.5441	1.3177	0.7562
4656.	555.2	-15.5	31.1	31.6	-9.9	98.	1.5135	1.2741	0.7520
4703.	551.6	-16.1	31.0	31.1	-9.9	99.	1.4834	1.2514	0.7489
4746.	548.6	-16.4	31.1	31.3	-9.9	99.	1.4486	1.2241	0.7456
4798.	544.8	-16.7	31.0	32.0	-10.7	1	1.4134	1.1957	0.7410
4859.	540.4	-17.1	32.2	32.4	-17.1	1	1.3631	1.1535	0.7364
4908.	536.9	-17.4	32.2	32.6	-17.4	1	1.3399	1.1291	0.7324
4959.	533.2	-17.7	32.2	32.8	-17.8	1	1.2799	1.0883	0.7282
5014.	530.3	-18.0	32.2	33.0	-18.0	1	1.2066	1.0444	0.7237
5067.	525.4	-18.4	33.3	33.3	-18.0	1	1.1445	1.0164	0.7195
5116.	522.1	-18.9	33.3	33.3	-18.2	1	1.1030	0.9880	0.7161
5175.	518.0	-19.2	33.3	33.4	-19.2	1	1.1069	0.9448	0.7114
5217.	515.1	-19.6	33.3	33.5	-19.7	1	1.0604	0.9109	0.7086
5279.	510.8	-20.0	33.3	33.5	-20.0	1	1.0048	0.8861	0.7049
5338.	506.7	-20.0	33.3	33.5	-20.0	1	0.9401	0.8540	0.6990

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
5392.	503.0	-20.7	34.0	34.3	-20.8	99.	0.9584	0.8230	0.6949
5462.	498.3	-21.2	34.3	34.5	-21.2	100.	0.9221	0.7930	0.6898
5535.	493.4	-21.6	34.6	34.8	-21.6	100.	0.8869	0.7640	0.6841
5603.	488.8	-22.2	34.7	34.9	-21.9	100.	0.8366	0.7236	0.6793
5650.	485.7	-22.7	34.7	34.9	-22.7	100.	0.7966	0.6892	0.6763
5788.	476.6	-23.7	35.1	35.3	-23.7	100.	0.7219	0.6280	0.6662
5857.	472.1	-24.1	35.4	35.6	-24.1	100.	0.6939	0.6037	0.6610
5927.	467.6	-24.7	35.5	35.7	-24.7	100.	0.6537	0.5701	0.6562
5991.	463.5	-25.1	35.8	36.0	-25.1	100.	0.6281	0.5487	0.6515
6051.	459.7	-25.5	36.1	36.2	-25.5	100.	0.6035	0.5280	0.6472
6106.	456.6	-25.9	36.1	36.3	-25.9	100.	0.5797	0.5080	0.6438
6157.	453.0	-26.2	36.5	36.6	-26.2	100.	0.5624	0.4935	0.6395
6210.	449.7	-26.7	36.5	36.6	-26.7	100.	0.5347	0.4701	0.6361
6258.	446.7	-27.1	36.6	36.7	-27.1	100.	0.5135	0.4522	0.6329
6305.	443.8	-27.5	36.7	36.8	-27.5	100.	0.4930	0.4348	0.6298
6353.	440.8	-28.0	36.6	36.7	-28.0	100.	0.4684	0.4140	0.6268
6412.	437.2	-28.4	36.8	37.0	-28.4	100.	0.4496	0.3980	0.6227
6471.	433.6	-28.7	37.2	37.3	-28.7	100.	0.4300	0.3864	0.6183
6513.	431.1	-29.2	37.1	37.2	-29.2	100.	0.4140	0.3678	0.6160
6571.	427.6	-29.4	37.5	37.7	-29.4	100.	0.4056	0.3605	0.6115
6614.	425.0	-29.8	37.6	37.7	-29.8	100.	0.3891	0.3464	0.6087
6651.	422.8	-30.1	37.6	37.8	-30.1	100.	0.3771	0.3362	0.6063
6712.	419.2	-30.7	37.6	37.7	-30.7	100.	0.3542	0.3166	0.6026
6741.	417.5	-30.9	37.7	37.8	-30.9	100.	0.3469	0.3103	0.6007
6800.	414.0	-31.5	37.7	37.8	-31.5	100.	0.3257	0.2920	0.5971
6834.	412.0	-32.0	37.5	37.6	-32.0	100.	0.3090	0.2776	0.5954
6889.	408.8	-32.3	37.8	37.9	-32.3	100.	0.2993	0.2693	0.5915
6929.	406.5	-32.6	37.9	38.0	-32.7	99.	0.2868	0.2585	0.5889
6990.	403.0	-33.1	38.0	38.1	-33.1	100.	0.2749	0.2481	0.5851
7011.	401.8	-33.4	37.9	38.0	-33.5	99.	0.2634	0.2381	0.5841
7058.	399.1	-33.9	37.9	37.9	-33.9	100.	0.2523	0.2285	0.5813
7091.	397.2	-34.3	37.6	37.8	-34.3	100.	0.2417	0.2192	0.5795
7148.	394.0	-34.7	38.0	38.0	-34.7	100.	0.2314	0.2103	0.5758
7187.	391.8	-35.0	38.1	38.1	-35.2	98.	0.2192	0.1996	0.5733
7219.	390.0	-35.4	38.0	38.0	-35.6	98.	0.2099	0.1915	0.5716
7278.	386.7	-35.9	38.1	38.1	-35.9	100.	0.2031	0.1855	0.5680
7306.	385.1	-36.4	37.8	37.8	-36.4	100.	0.1923	0.1760	0.5668
7362.	382.0	-36.6	38.2	38.3	-36.8	98.	0.1840	0.1687	0.5627
7391.	380.4	-37.0	38.1	38.1	-37.2	98.	0.1761	0.1617	0.5613
7439.	377.8	-37.5	37.9	37.9	-37.6	100.	0.1685	0.1550	0.5589
7488.	375.1	-37.7	38.4	38.5	-37.8	99.	0.1648	0.1517	0.5551
7528.	372.9	-38.2	38.3	38.3	-38.2	100.	0.1576	0.1453	0.5530
7584.	369.9	-38.6	38.5	38.5	-38.7	99.	0.1490	0.1377	0.5495
7643.	366.7	-38.9	38.8	38.9	-39.2	97.	0.1409	0.1305	0.5455
7683.	364.6	-39.6	38.4	38.4	-39.6	100.	0.1347	0.1250	0.5440
7735.	361.8	-40.0	38.6	38.6	-40.0	100.	0.1287	0.1197	0.5407
7783.	359.3	-40.4	38.6	38.7	-40.5	99.	0.1217	0.1133	0.5379
7819.	357.4	-40.6	38.8	38.9	-40.9	97.	0.1162	0.1084	0.5355
7870.	354.7	-41.2	38.7	38.7	-41.4	98.	0.1098	0.1026	0.5328
7907.	352.8	-41.4	38.7	39.0	-41.5	99.	0.1035	0.1015	0.5304
7962.	349.3	-41.7	39.3	39.3	-42.0	97.	0.1025	0.0961	0.5267
8013.	347.5	-42.2	39.2	39.3	-42.2	100.	0.1001	0.0939	0.5240
8056.	345.1	-42.6	39.3	39.3	-42.7	99.	0.0945	0.0889	0.5215
8116.	342.0	-43.1	39.4	39.4	-43.2	99.	0.0892	0.0840	0.5180
8170.	339.3	-43.5	39.6	39.6	-43.6	99.	0.0851	0.0803	0.5148
8239.	335.8	-44.0	39.8	39.8	-44.0	100.	0.0812	0.0768	0.5106
8277.	333.9	-44.4	39.8	39.8	-44.4	100.	0.0775	0.0734	0.5086
8356.	330.3	-45.0	40.0	40.0	-45.0	100.	0.0722	0.0686	0.5039
8431.	326.0	-45.3	40.6	40.6	-45.4	99.	0.0689	0.0655	0.4989
8480.	323.0	-45.7	40.7	40.7	-45.9	98.	0.0649	0.0619	0.4961
8544.	320.8	-46.2	40.9	40.9	-46.2	100.	0.0626	0.0598	0.4925
8617.	317.3	-46.9	40.9	40.9	-46.9	100.	0.0576	0.0551	0.4886
8677.	314.4	-47.5	40.9	40.9	-47.5	100.	0.0536	0.0514	0.4854
8757.	310.6	-47.8	41.5	41.5	-47.9	99.	0.0510	0.0491	0.4802
8802.	308.5	-48.4	41.3	41.3	-48.4	100.	0.0480	0.0463	0.4782
8875.	305.1	-48.8	41.8	41.8	-48.8	100.	0.0457	0.0442	0.4738
8940.	302.1	-48.5	42.5	42.5	-49.4	94.	0.0425	0.0411	0.4693
8990.	299.8	-49.7	42.1	42.1	-49.7	100.	0.0409	0.0397	0.4674
9046.	297.2	-49.8	42.7	42.7	-49.9	100.	0.0404	0.0392	0.4636
9287.	286.4	-52.6	42.1	42.1	-53.0	100.	0.0285	0.0280	0.4524
9345.	283.8	-53.0	42.3	42.3	-53.4	100.	0.0271	0.0267	0.4491
9393.	281.7	-53.4	42.4	42.4	-53.9	100.	0.0258	0.0254	0.4466
9427.	280.2	-53.8	42.3	42.3	-54.4	99.	0.0242	0.0239	0.4450
9489.	277.5	-54.4	42.3	42.3	-54.8	95.	0.0215	0.0214	0.4419
9605.	272.5	-56.6	40.9	40.9	-56.5	100.	0.0173	0.0173	0.4382
9642.	270.9	-56.7	41.2	41.2	-56.8	95.	0.0166	0.0166	0.4360
9651.	270.1	-56.9	41.1	41.1	-57.2	96.	0.0157	0.0158	0.4351
9729.	267.2	-58.2	40.2	40.2	-58.5	96.	0.0132	0.0134	0.4331
9812.	263.7	-58.4	41.1	41.1	-58.4	100.	0.0134	0.0135	0.4278

SOUNDING 31.0
 LATITUDE -60.1 LONGITUDE 0.4
 DATE 11-12-81 TIME 0317 GMT
 NUMBER OF LEVELS 20

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	1003.3	0.9	0.6	1.3	0.5	97.	6.3641	5.0392	1.2804
33.	999.2	0.7	0.8	1.4	0.6	99.	6.4132	5.0738	1.2761
97.	991.3	0.3	1.0	1.6	0.3	100.	6.2724	4.9702	1.2678
168.	982.5	-0.1	1.3	1.9	-0.1	100.	6.0681	4.8312	1.2583
288.	967.9	-0.4	2.2	2.8	-0.4	100.	5.9388	4.7180	1.2409
340.	961.6	-0.5	2.6	3.2	-0.5	100.	5.8898	4.6807	1.2333
381.	958.7	-0.1	3.4	4.0	-0.4	98.	5.9385	4.7177	1.2253
424.	951.6	1.4	5.3	6.0	0.5	94.	5.3632	5.0383	1.2125
463.	946.9	2.1	6.4	7.2	1.3	96.	6.8391	5.3948	1.2038
639.	925.3	2.2	8.3	9.1	99.9	96.	6.8683	5.4452	1.1776
899.	897.2	2.6	11.3	12.1	99.9	95.	7.0382	5.5742	1.1390
1182.	866.4	3.5	15.1	16.0	99.9	95.	7.4685	5.9004	1.0969
1335.	850.2	3.0	16.1	17.0	99.9	95.	7.1919	5.6912	1.0782
1381.	845.4	3.0	16.6	17.5	2.2	94.	7.1867	5.6554	1.0721
2904.	693.4	-5.1	23.8	24.4	49.9	92.	3.5776	2.9069	0.9106
2943.	694.9	-5.4	23.9	24.5	-6.7	85.	3.4817	2.8314	0.9069
2997.	693.2	-5.7	24.2	24.7	-6.9	80.	3.4215	2.7848	0.9018
3038.	686.6	-6.0	24.5	24.8	-7.2	81.	3.3338	2.7162	0.8980
3071.	683.7	-6.4	24.2	24.7	-7.5	81.	3.2475	2.6492	0.8955
3168.	675.2	-7.1	24.5	25.0	99.9	81.	3.0567	1.7754	0.8859

SOUNDING 32.0
 LATITUDE -60.0 LONGITUDE 0.4
 DATE 11-12-81 TIME 0616 GMT
 NUMBER OF LEVELS 72

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	1004.1	0.5	0.2	0.8	0.5	100.	6.3641	5.0392	1.2833
59.	996.7	0.2	0.5	1.1	0.2	100.	6.2272	4.9362	1.2751
146.	986.0	-0.2	0.9	1.5	-0.2	100.	6.0381	4.7933	1.2632
226.	976.2	-0.5	1.4	2.0	-0.5	100.	5.8901	4.6810	1.2520
292.	968.1	-0.6	1.9	2.6	-0.6	100.	5.8414	4.6440	1.2420
414.	953.5	1.4	5.2	5.9	99.9	99.	6.7554	5.3695	1.2152
466.	947.3	1.5	5.8	6.5	1.4	99.	6.7892	5.3582	1.2069
536.	939.4	1.9	6.9	7.7	1.8	99.	6.9865	5.5055	1.1950
685.	922.0	2.2	8.7	9.5	2.2	100.	7.1886	5.6569	1.1721
811.	907.7	1.6	9.3	10.1	99.9	100.	6.8864	5.4724	1.1564
990.	887.8	2.3	11.8	12.7	99.9	100.	7.2392	5.7414	1.1285
1113.	874.3	2.3	13.1	14.0	2.3	100.	7.2398	5.6944	1.1114
1186.	866.5	1.7	13.2	14.0	1.4	98.	6.7873	5.3567	1.1036
1256.	855.0	1.1	13.3	14.1	0.4	94.	6.2625	4.9679	1.0961
1287.	855.6	0.9	13.4	14.1	-0.4	87.	5.6954	4.5329	1.0921
1396.	844.1	1.2	14.8	15.5	-1.9	78.	5.2403	4.1860	1.0760
1551.	828.0	2.2	17.9	18.1	99.9	73.	5.2340	4.1450	1.0517
1622.	820.4	2.0	18.0	18.6	-2.5	70.	4.9831	3.9898	1.0432
1687.	814.2	1.7	18.3	19.0	-2.5	72.	4.9829	3.9893	1.0360
1760.	806.8	1.6	19.0	19.7	-2.5	72.	4.9828	3.9892	1.0269
1841.	798.8	1.2	19.4	20.1	-1.9	78.	5.2393	4.1853	1.0185
1912.	791.7	0.7	19.7	20.4	-1.9	81.	5.2391	4.1851	1.0109
1993.	783.8	0.4	20.1	20.8	-2.1	82.	5.1521	4.1186	1.0023
2066.	776.7	0.0	20.4	21.2	-2.0	85.	5.1952	4.1516	0.9947
2154.	768.2	-0.2	21.2	21.8	-3.0	79.	4.7759	3.8314	0.9843
2218.	762.0	-0.4	21.6	22.3	-3.3	76.	4.6575	3.7398	0.9770
2300.	754.3	-0.8	22.0	22.7	-4.0	76.	4.3894	3.5337	0.9684
2523.	733.4	-2.1	23.0	23.6	99.9	79.	4.0748	3.2757	0.9459
2617.	724.8	-2.6	23.5	24.1	-5.2	80.	3.9622	3.2041	0.9365
2693.	717.9	-3.2	23.6	24.2	-5.1	85.	3.9961	3.2303	0.9297
2938.	695.9	-5.1	24.1	24.7	99.9	85.	3.3921	2.7555	0.9072
3018.	688.8	-5.8	24.2	24.8	-7.7	85.	3.1918	2.6054	0.9001
3089.	682.6	-6.6	24.1	24.6	99.9	86.	3.0105	2.4584	0.8946
3174.	675.2	-7.0	24.2	25.0	99.9	87.	2.9221	2.3885	0.8865
3312.	663.3	-8.0	25.0	25.5	99.9	89.	2.7554	2.2611	0.8737
3399.	655.9	-8.5	25.4	25.8	99.9	90.	2.6708	2.1957	0.8656
3715.	629.6	-11.0	26.0	26.4	99.9	94.	2.2382	1.8566	0.8385
3800.	622.6	-11.6	26.3	26.7	99.9	95.	2.1464	1.7843	0.8310
3889.	615.4	-12.2	26.6	27.0	99.9	96.	2.0585	1.7150	0.8233
3954.	610.2	-12.7	26.8	27.1	99.9	97.	1.9849	1.6567	0.8178
4042.	603.2	-13.2	27.2	27.5	-13.4	98.	1.9195	1.6012	0.8100
4123.	596.8	-13.4	27.3	28.2	-13.8	96.	1.8506	1.5461	0.8019
4197.	591.3	-14.0	28.0	28.3	-14.2	98.	1.7849	1.4928	0.7959
4268.	585.5	-14.5	28.4	28.6	-14.7	98.	1.7039	1.4285	0.7900
4418.	574.0	-15.7	28.9	28.8	99.9	98.	1.5289	1.2902	0.7780
4586.	561.3	-16.8	29.2	29.5	99.9	99.	1.3837	1.1725	0.7639
4828.	543.4	-18.4	30.1	30.3	99.9	99.	1.1949	1.0186	0.7441
4971.	533.1	-19.8	30.1	30.3	99.9	99.	1.0482	0.8982	0.7330
5299.	509.9	-22.2	31.0	31.2	99.9	100.	0.8755	0.7226	0.7085

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
5381.	504.2	-22.4	31.8	32.0	-22.4	100.	0.8204	0.7099	0.7012
5456.	499.1	-22.5	32.5	32.7	-22.6	99.	0.8049	0.6958	0.6944
5537.	493.6	-23.0	32.9	33.1	-23.3	97.	0.7510	0.6513	0.6880
5879.	471.0	-25.1	34.4	34.6	-25.7	99.	0.6233	0.5457	0.6620
5981.	464.4	-25.7	34.9	35.1	-25.7	100.	0.5915	0.5170	0.6543
6338.	441.9	-28.3	36.0	36.1	-32.9	62.	0.2808	0.2533	0.6290
6429.	436.3	-29.3	35.9	36.0	-29.9	94.	0.3851	0.3430	0.6236
6512.	431.3	-29.7	36.4	36.5	-36.5	97.	0.3819	0.3402	0.6175
6586.	426.8	-30.2	36.7	36.8	-30.2	100.	0.3732	0.3329	0.6123
6788.	414.8	-31.3	37.8	37.9	-31.3	100.	0.3326	0.2980	0.5978
6867.	410.2	-31.3	38.8	38.9	-31.3	100.	0.3326	0.2980	0.5911
6954.	405.2	-32.0	39.0	39.1	-32.0	100.	0.3389	0.2774	0.5856
7043.	400.1	-32.5	39.5	39.6	-32.5	100.	0.2930	0.2638	0.5794
7246.	388.7	-33.5	40.8	40.8	-33.5	100.	0.2633	0.2383	0.5653
7324.	384.4	-34.7	40.2	40.2	-34.7	100.	0.2314	0.2103	0.5518
7408.	379.8	-35.1	40.7	40.8	-35.1	100.	0.2216	0.2017	0.5560
7474.	376.2	-35.2	41.4	41.5	-35.7	95.	0.2272	0.1894	0.5509
7546.	372.3	-36.0	41.3	41.4	-36.5	95.	0.1980	0.1741	0.5471
7740.	362.0	-37.7	41.6	41.6	-37.7	95.	0.1577	0.0916	0.5357
8185.	330.2	-40.5	43.7	43.7	-40.5	95.	0.1152	0.0669	0.5080
8435.	326.9	-43.5	42.9	42.9	-43.5	95.	0.0815	0.0473	0.4359
9350.	284.6	-51.2	44.6	44.7	-51.2	95.	0.0322	0.0187	0.4467
9574.	274.9	-52.4	46.1	46.1	-52.4	95.	0.0277	0.0161	0.4338

SOUNDING 33.0
 LATITUDE -59.8 LONGITUDE 0.4
 DATE 11-12-81 TIME 0911 GMT
 NUMBER OF LEVELS 70

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	1003.7	0.8	0.5	1.2	0.2	96.	6.2273	4.9363	1.2813
34.	999.5	0.8	0.8	1.5	0.3	96.	6.2725	4.9703	1.2760
103.	990.9	0.5	1.2	1.9	0.2	98.	6.2271	4.9361	1.2664
165.	983.2	0.1	1.4	2.1	-0.1	98.	6.0881	4.8312	1.2583
235.	974.7	-0.1	1.5	2.6	-0.2	99.	6.0379	4.7931	1.2483
299.	966.9	-0.7	3.3	4.0	0.0	95.	6.1368	4.8681	1.2348
354.	960.4	2.1	5.3	6.0	0.9	92.	6.5496	5.1785	1.2207
416.	953.0	3.0	6.8	7.6	2.0	93.	7.0875	5.5814	1.2078
470.	946.7	3.1	7.5	8.3	2.5	96.	7.3445	5.7733	1.1996
517.	941.2	3.1	7.9	8.8	2.6	97.	7.3968	5.8123	1.1927
561.	936.1	3.0	8.7	9.1	2.4	96.	7.2921	5.7342	1.1866
613.	930.1	2.8	8.6	9.4	2.2	96.	7.1888	5.6571	1.1798
663.	924.4	2.7	9.0	9.6	1.8	94.	6.9861	5.5056	1.1729
712.	918.8	2.5	9.2	10.0	1.5	93.	6.8375	5.3943	1.1666
761.	913.2	2.6	9.8	10.6	1.3	91.	6.7398	5.3211	1.1590
821.	906.5	3.7	11.6	12.3	0.8	81.	6.5014	5.1422	1.1458
870.	901.0	3.6	12.0	12.7	0.4	80.	6.3160	5.0029	1.1391
927.	894.7	3.3	12.2	13.0	0.1	80.	6.1800	4.9006	1.1323
977.	889.2	3.0	12.4	13.2	-0.2	79.	6.0357	4.7914	1.1265
1027.	883.7	2.6	12.5	13.2	-0.5	80.	5.8879	4.6792	1.1211
1165.	868.8	1.8	13.1	13.7	99.9	76.	5.2853	4.1906	1.1050
1266.	857.9	1.8	14.1	14.7	99.9	73.	5.0803	4.0275	1.0910
1338.	850.3	1.7	14.7	15.4	-2.7	71.	4.9027	3.9263	1.0816
1405.	843.1	1.5	15.2	15.9	99.9	71.	4.8647	3.8602	1.0732
1475.	835.9	1.5	15.9	16.6	99.9	72.	4.8987	3.8875	1.0641
1558.	827.4	1.4	16.7	17.3	99.9	72.	4.9039	3.8934	1.0537
1635.	819.5	1.3	17.4	18.0	99.9	73.	4.9064	3.8969	1.0441
1705.	812.4	1.0	17.8	18.4	99.9	73.	4.8349	3.8443	1.0362
1780.	804.8	0.4	17.9	18.5	99.9	74.	4.6644	3.7162	1.0286
1854.	797.4	-0.1	18.1	18.8	99.9	74.	4.5268	3.6128	1.0209
1930.	789.9	-0.6	18.4	19.0	99.9	75.	4.3757	3.4981	1.0131
1996.	783.4	-0.9	18.8	19.4	99.9	75.	4.2956	3.4376	1.0058
2069.	776.2	-1.4	19.0	19.6	99.9	76.	4.1501	3.3268	0.9993
2135.	769.8	-1.7	19.4	19.9	99.9	76.	4.0732	3.2686	0.9912
2211.	762.5	-2.1	19.7	20.3	99.9	77.	3.9678	3.1885	0.9832
2284.	755.5	-2.7	19.8	20.4	99.9	78.	3.7993	3.0594	0.9762
2336.	750.5	-2.9	20.2	20.7	99.9	78.	3.7545	3.0254	0.9704
2433.	741.4	-2.7	21.4	22.0	99.9	79.	3.8529	3.1030	0.9581
2511.	734.1	-2.9	22.0	22.6	99.9	79.	3.8163	3.0758	0.9494
2597.	726.2	-3.3	22.5	23.1	99.9	80.	3.7190	3.0016	0.9405
2634.	718.2	-3.7	23.0	23.6	99.9	81.	3.6243	2.9293	0.9315
2896.	699.2	-5.0	23.9	24.4	99.9	82.	3.3075	2.6854	0.9110
2968.	692.8	-5.6	24.0	24.5	99.9	83.	3.1522	2.5727	0.9046
3201.	672.4	-6.8	25.2	25.7	99.9	84.	2.9111	2.3785	0.8818
3264.	667.0	-7.2	25.4	25.9	99.9	85.	2.8274	2.3134	0.8760
3340.	660.5	-7.6	25.8	26.3	-9.4	85.	2.7488	2.2584	0.8687
3575.	640.8	-8.9	26.9	27.4	99.9	92.	2.6372	2.1714	0.8469
3654.	634.3	-9.5	27.1	27.6	99.9	94.	2.5601	2.1125	0.8402
3713.	629.5	-9.9	27.3	27.8	99.9	96.	2.5133	2.0764	0.8351
3794.	622.9	-10.2	27.9	28.3	99.9	98.	2.5043	2.0720	0.8273
3975.	616.5	-10.4	28.5	29.0	-10.4	100.	2.5151	2.0741	0.8194

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
3942.	611.0	-11.0	28.6	29.1	99.9	100.	2.3839	1.9782	0.8139
4028.	604.2	-11.6	28.9	29.3	99.9	100.	2.2590	1.8785	0.8066
4132.	598.4	-12.2	29.0	29.4	99.9	100.	2.1401	1.7834	0.8006
4175.	592.7	-12.6	29.4	29.8	99.9	100.	2.0641	1.7225	0.7942
4255.	586.5	-13.2	29.6	30.0	-13.2	100.	1.9546	1.6293	0.7876
4324.	581.2	-13.9	29.6	29.9	99.9	100.	1.8357	1.5374	0.7825
4474.	569.8	-14.8	30.2	30.6	99.9	100.	1.6882	1.4201	0.7697
4556.	563.6	-15.4	30.5	30.8	-15.4	100.	1.5972	1.3427	0.7631
4628.	558.3	-16.0	30.6	30.9	-16.0	100.	1.5137	1.2729	0.7576
4729.	550.8	-16.6	31.0	31.3	-16.6	100.	1.4285	1.2065	0.7491
4814.	544.6	-17.2	31.3	31.6	-17.2	100.	1.3504	1.1432	0.7424
4885.	539.5	-17.9	31.3	31.6	-17.9	100.	1.2643	1.0733	0.7374
4953.	534.6	-18.7	31.6	31.9	-18.7	91.	1.1970	0.9449	0.7317
5113.	523.2	-19.0	32.7	32.9	99.9	97.	1.1051	0.9441	0.7181
5192.	517.7	-19.5	33.0	33.2	-19.5	100.	1.0280	0.9277	0.7119
5425.	501.6	-21.0	33.9	34.1	-21.0	100.	0.9491	0.8078	0.6938
5510.	495.9	-21.7	34.1	34.3	-21.7	100.	0.8784	0.7569	0.6878
5576.	491.4	-22.2	33.5	33.7	99.9	100.	0.7889	0.4582	0.6842
5824.	475.0	-24.3	34.7	34.8	99.9	100.	0.6803	0.3951	0.6653

SOUNDING 34.3
 LATITUDE -59.5 LONGITUDE 0.4
 DATE 11-12-81 TIME 1446 GMT
 NUMBER OF LEVELS 181

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	1005.0	1.8	1.4	2.1	1.2	96.	6.6937	5.2866	1.2786
2.	1004.8	1.1	0.7	1.4	0.9	99.	6.5526	5.1793	1.2815
78.	995.3	0.1	0.5	1.1	99.9	99.	6.1988	4.8740	1.2738
167.	984.2	-0.7	0.5	1.1	99.9	99.	5.7415	4.5930	1.2630
251.	973.9	-1.1	1.0	1.6	99.9	99.	5.5690	4.4611	1.2515
319.	965.7	-1.5	1.2	1.8	99.9	100.	5.3984	4.3302	1.2427
391.	957.0	-1.8	1.4	2.4	99.9	100.	5.3656	4.3057	1.2320
447.	950.2	-1.4	2.6	3.2	-1.4	100.	5.4658	4.3582	1.2224
506.	943.2	-1.2	3.0	3.6	-1.6	100.	5.3753	4.2892	1.2143
559.	937.0	-1.6	3.6	4.5	-1.4	98.	5.4655	4.3579	1.2046
608.	931.2	-0.4	5.2	5.8	-1.3	93.	5.5110	4.3926	1.1937
658.	925.4	0.6	6.7	7.4	-1.5	85.	5.4199	4.3232	1.1819
706.	919.9	1.6	8.2	8.9	-1.3	80.	5.5108	4.3924	1.1707
751.	914.4	2.4	9.5	10.2	-1.1	77.	5.6030	4.4626	1.1610
804.	908.8	3.1	10.7	11.4	-1.0	74.	5.6496	4.4981	1.1505
858.	902.8	3.3	11.5	12.2	-0.9	73.	5.6965	4.5338	1.1422
907.	897.4	3.3	12.0	12.7	-0.9	73.	5.6964	4.5337	1.1354
957.	891.8	3.0	12.0	12.9	-1.0	74.	5.6492	4.4978	1.1295
1010.	886.0	2.5	12.2	12.9	-1.2	76.	5.5560	4.4258	1.1241
1060.	880.5	2.4	12.6	13.3	-1.4	75.	5.4642	4.3569	1.1175
1112.	874.9	2.1	12.8	13.5	-1.7	75.	5.3292	4.2539	1.1115
1163.	869.4	1.9	13.1	13.8	-1.8	75.	5.2649	4.2202	1.1053
1211.	864.2	1.8	13.9	14.6	-1.9	75.	5.2407	4.1864	1.0991
1260.	858.9	1.7	13.9	14.6	-2.0	75.	5.1870	4.1530	1.0928
1313.	853.3	1.4	14.1	14.8	-2.1	76.	5.1536	4.1198	1.0868
1360.	848.3	1.1	14.0	15.0	-2.2	77.	5.1135	4.0869	1.0816
1415.	842.6	0.9	14.6	15.3	-2.4	77.	5.0285	4.0219	1.0751
1471.	836.7	0.7	15.0	15.7	-2.6	77.	4.9417	3.9578	1.0683
1526.	831.0	0.4	15.4	15.9	-2.7	78.	4.9723	3.9260	1.0622
1573.	826.1	0.1	15.4	16.1	-2.9	78.	4.8185	3.8633	1.0570
1619.	821.4	0.1	15.9	16.5	-2.9	78.	4.8184	3.8632	1.0510
1666.	816.6	-0.2	16.1	16.7	-3.1	79.	4.7378	3.8015	1.0460
1708.	812.3	-0.5	16.2	16.8	-3.3	79.	4.6984	3.7406	1.0416
1757.	807.3	-0.7	16.5	17.1	-3.4	80.	4.6132	3.7104	1.0359
1801.	802.9	-1.0	16.6	17.2	-3.7	80.	4.5034	3.6214	1.0314
1852.	797.8	-1.2	16.9	17.5	-3.8	80.	4.4653	3.5921	1.0256
1905.	792.1	-1.5	17.2	17.8	-3.5	82.	4.4275	3.5631	1.0193
1960.	787.0	-1.6	17.6	18.2	-4.1	81.	4.3525	3.5056	1.0131
2011.	782.0	-1.9	17.9	18.5	-4.4	80.	4.2432	3.4211	1.0074
2109.	772.4	-2.6	18.1	19.7	99.9	82.	4.0550	3.2647	0.9978
2159.	767.5	-2.9	18.4	19.0	-5.9	83.	4.0313	3.2575	0.9922
2207.	762.5	-3.2	18.7	19.3	-5.2	83.	3.9628	3.2046	0.9870
2252.	756.5	-3.5	18.7	19.5	-5.5	84.	3.8928	3.1267	0.9830
2300.	753.9	-3.7	18.9	19.8	-5.8	84.	3.7638	3.0505	0.9777
2346.	749.6	-3.8	19.3	19.9	-5.9	84.	3.7315	3.0254	0.9725
2392.	745.2	-4.1	19.5	20.0	-5.5	86.	3.6994	3.0005	0.9679
2437.	741.0	-4.4	19.7	20.2	-6.0	87.	3.6249	2.9271	0.9591
2483.	736.6	-4.8	19.7	20.4	-6.6	88.	3.5125	2.8554	0.9538
2541.	731.2	-5.3	19.8	20.3	-7.0	89.	3.3228	2.7622	0.9497
2586.	727.0	-5.7	19.8	20.3	-7.3	89.	3.3228	2.6941	0.9437
2645.	721.6	-6.0	20.1	21.0	-7.3	89.	3.3228	2.6941	0.9374
2697.	716.8	-6.0	20.7	21.5	-7.3	89.	3.3228	2.7224	0.9325
2741.	712.8	-6.1	21.0	21.5	-7.3	91.	3.3228	2.7792	0.9269
2789.	708.4	-6.1	21.5	22.1	-7.3	95.	3.3228	2.7641	0.9224
2836.	704.2	-6.4	21.7	22.2	-7.3	95.	3.3228	2.7641	0.9224

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RH0W (G/M**3)	RH0 (KG/M**3)
2882.	700.0	-6.6	22.0	22.5	-7.0	97.	3.3924	2.7619	0.9176
2927.	696.0	-6.8	22.2	22.8	-7.4	95.	3.2759	2.6715	0.9130
2978.	691.5	-7.0	22.6	23.1	-7.8	93.	3.1641	2.5838	0.9077
3025.	687.3	-7.4	23.1	23.7	-8.1	94.	3.0822	2.5197	0.9035
3072.	683.2	-7.4	23.1	23.7	-8.2	93.	3.0553	2.4987	0.8981
3121.	678.9	-7.6	23.6	24.0	-8.3	94.	3.0286	2.4778	0.8931
3172.	674.4	-7.8	23.8	24.3	-8.3	96.	3.0028	2.4777	0.8879
3221.	670.2	-8.0	24.1	24.6	-8.5	96.	2.9758	2.4364	0.8830
3272.	665.8	-8.3	24.3	24.8	-8.7	97.	2.9239	2.3958	0.8781
3322.	661.5	-8.4	24.8	25.3	-8.9	97.	2.9166	2.3976	0.8728
3367.	657.7	-8.7	24.9	25.4	-9.0	98.	2.8565	2.3507	0.8687
3413.	653.8	-8.8	25.3	25.8	-9.0	98.	2.8476	2.3359	0.8639
3463.	649.6	-9.0	25.6	26.1	-9.4	97.	2.7488	2.2583	0.8589
3508.	645.8	-9.2	25.9	26.4	-9.6	97.	2.7006	2.2203	0.8545
3557.	641.7	-9.6	26.3	26.8	-9.9	98.	2.6386	2.1783	0.8504
3606.	637.7	-9.8	26.8	27.0	-9.9	99.	2.6366	2.2042	0.8451
3655.	633.8	-9.8	26.8	27.3	-9.8	100.	2.6530	2.1829	0.8406
3705.	629.5	-10.3	26.8	27.3	-9.9	100.	2.5373	2.1001	0.8364
3768.	624.4	-10.7	27.1	27.5	-9.9	100.	2.4479	2.0289	0.8308
3835.	619.0	-11.4	27.0	27.5	-9.9	100.	2.2987	1.9100	0.8257
3908.	613.1	-12.1	27.3	27.4	-9.9	100.	2.1578	1.7974	0.8200
3985.	606.9	-12.7	27.7	27.6	-9.9	100.	2.0433	1.7055	0.8135
4061.	600.9	-13.1	27.6	27.6	-9.9	100.	1.9698	1.6467	0.8066
4126.	595.6	-13.3	28.2	28.5	-9.9	100.	1.9338	1.6178	0.8001
4190.	590.8	-13.7	28.4	28.7	-9.9	100.	1.8641	1.5618	0.7948
4255.	585.5	-14.2	28.6	29.0	-9.9	100.	1.7893	1.4942	0.7892
4335.	579.4	-14.5	28.8	29.0	-9.9	100.	1.6688	1.4043	0.7832
4404.	574.3	-15.5	28.8	29.0	-9.9	100.	1.5785	1.3311	0.7778
4470.	569.3	-16.1	28.9	29.1	-9.9	100.	1.4926	1.2615	0.7728
4546.	563.6	-16.7	28.9	29.2	-9.9	100.	1.4109	1.1951	0.7668
4621.	558.0	-17.2	29.2	29.5	-9.9	100.	1.3460	1.1422	0.7606
4687.	553.1	-17.6	29.5	29.8	-9.9	100.	1.2560	1.1015	0.7551
4765.	547.3	-17.9	30.1	30.3	-9.9	100.	1.2595	1.0716	0.7480
4822.	543.2	-18.0	30.6	30.8	-9.9	100.	1.2474	1.0618	0.7427
4885.	538.6	-18.4	31.1	31.1	-9.9	100.	1.2389	1.0236	0.7375
4957.	533.4	-19.0	31.2	31.2	-9.9	100.	1.1340	0.9688	0.7321
5019.	529.0	-19.6	31.1	31.3	-9.9	100.	1.0809	0.9253	0.7274
5095.	523.7	-20.0	31.4	31.6	-9.9	100.	1.0321	0.8834	0.7215
5175.	518.8	-20.7	32.2	32.4	-9.9	100.	0.9625	0.8277	0.7098
5235.	513.8	-21.1	32.6	32.8	-9.9	100.	0.9257	0.7973	0.7040
5307.	508.9	-21.5	32.4	32.5	-9.9	100.	0.8994	0.7680	0.7025
5373.	494.7	-22.2	33.3	33.7	-9.9	100.	0.8231	0.7122	0.6877
5453.	490.7	-22.3	33.4	33.9	-9.9	100.	0.7760	0.6729	0.6838
5531.	486.7	-23.3	33.8	34.4	-9.9	100.	0.7459	0.6478	0.6792
5605.	481.9	-23.6	34.4	34.4	-9.9	100.	0.7239	0.6295	0.6733
5774.	477.4	-23.7	35.0	35.1	-9.9	100.	0.7166	0.6234	0.6673
5836.	473.3	-24.4	35.1	35.3	-9.9	100.	0.6918	0.5943	0.6629
5905.	468.6	-24.5	35.5	35.6	-9.9	100.	0.6751	0.5719	0.6572
6023.	460.0	-25.5	35.9	36.0	-9.9	100.	0.5925	0.5192	0.6478
6178.	451.5	-26.6	36.6	36.6	-9.9	100.	0.5519	0.4850	0.6377
6307.	443.5	-27.6	36.6	36.7	-9.9	100.	0.4834	0.4271	0.6296
6382.	439.0	-28.3	36.7	36.7	-9.9	100.	0.4409	0.3986	0.6250
6447.	434.9	-28.6	37.1	37.2	-9.9	100.	0.4361	0.3868	0.6199
6513.	430.9	-29.2	37.1	37.2	-9.9	100.	0.4099	0.3644	0.6157
6581.	426.8	-29.5	37.6	37.7	-9.9	100.	0.3972	0.3534	0.6106
6645.	423.0	-29.7	38.1	38.2	-9.9	100.	0.3931	0.3499	0.6056
6703.	419.6	-30.0	38.5	38.6	-9.9	100.	0.3811	0.3396	0.6015
6777.	415.2	-30.7	38.5	38.6	-9.9	100.	0.3542	0.3166	0.5969
6860.	410.4	-31.1	39.1	39.2	-9.9	100.	0.3423	0.3072	0.5907
6936.	406.0	-31.6	39.6	39.6	-9.9	100.	0.3223	0.2891	0.5860
6976.	403.7	-31.9	39.4	39.5	-9.9	100.	0.3120	0.2834	0.5832
7037.	400.2	-32.1	39.1	39.1	-9.9	100.	0.2935	0.2560	0.5803
7309.	385.0	-33.1	42.1	42.2	-9.9	100.	0.2744	0.2481	0.5597
7365.	383.0	-33.5	39.8	39.8	-9.9	100.	0.2534	0.2391	0.5571
7436.	389.0	-34.5	39.4	39.4	-9.9	100.	0.2365	0.2147	0.5680
7542.	385.3	-34.7	39.8	39.9	-9.9	100.	0.2314	0.2103	0.5640
7368.	381.7	-34.8	40.5	40.6	-9.9	100.	0.2265	0.2060	0.5563
7632.	367.5	-36.5	41.7	41.8	-9.9	100.	0.1791	0.1724	0.5414
7762.	360.6	-37.6	42.1	42.1	-9.9	100.	0.1685	0.1550	0.5335
7828.	357.2	-38.0	42.4	42.4	-9.9	100.	0.1611	0.1485	0.5293
7891.	353.5	-38.3	42.8	42.9	-9.9	100.	0.1558	0.1435	0.5251
7955.	350.6	-39.3	42.3	42.4	-9.9	100.	0.1493	0.1291	0.5224
8028.	347.0	-39.7	42.7	42.7	-9.9	100.	0.1332	0.1237	0.5179
8145.	341.0	-40.3	43.5	43.5	-9.9	100.	0.1244	0.1158	0.5103
8219.	337.3	-40.6	44.1	44.1	-9.9	100.	0.1203	0.1121	0.5054
8343.	331.2	-41.1	44.4	44.4	-9.9	100.	0.1073	0.1004	0.4984
8407.	328.1	-42.0	44.6	44.7	-9.9	100.	0.1025	0.0960	0.4946
8477.	324.7	-42.7	44.6	44.7	-9.9	100.	0.0945	0.0889	0.4899
8529.	322.2	-43.5	44.5	44.5	-9.9	100.	0.0861	0.0831	0.4861
8594.	319.0	-44.4	43.7	43.8	-9.9	100.	0.0766	0.0726	0.4811
8657.	316.1	-44.9	44.1	44.1	-9.9	100.	0.0731	0.0694	0.4785
8855.	306.8	-46.7	44.5	44.5	-9.9	100.	0.0599	0.0564	0.4720
8925.	303.8	-47.1	44.5	44.6	-9.9	100.	0.0563	0.0539	0.4682
8977.	301.2	-47.4	44.9	44.9	-9.9	100.	0.0542	0.0520	0.4648
9032.	298.7	-47.8	45.1	45.1	-9.9	100.	0.0516	0.0497	0.4618

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
9094.	295.9	-48.1	45.5	45.5	-48.1	100.	0.0498	0.0479	0.4581
9163.	292.8	-48.6	45.6	45.6	-48.6	100.	0.0469	0.0452	0.4543
9210.	290.7	-49.3	45.4	45.4	-49.3	100.	0.0430	0.0416	0.4524
9267.	288.2	-49.7	45.6	45.7	-49.7	100.	0.0409	0.0397	0.4493
9333.	285.3	-50.2	45.8	45.9	-50.2	100.	0.0386	0.0374	0.4458
9381.	283.2	-50.8	45.7	45.7	-50.9	100.	0.0357	0.0348	0.4437
9441.	280.6	-51.1	46.1	46.1	-51.1	100.	0.0344	0.0336	0.4402
9495.	278.1	-51.6	46.2	46.2	-51.6	100.	0.0323	0.0316	0.4373
9550.	275.9	-51.8	46.6	46.6	-51.8	100.	0.0315	0.0309	0.4342
9616.	273.1	-52.2	47.0	47.0	-52.2	100.	0.0300	0.0294	0.4306
9776.	266.4	-52.8	48.6	48.7	-52.8	95.	0.0271	0.0267	0.4208
9845.	263.6	-53.3	48.6	48.6	-53.3	100.	0.0261	0.0257	0.4177
9982.	258.9	-54.7	48.5	48.5	-54.9	100.	0.0218	0.0216	0.4115
10059.	254.9	-55.6	48.6	48.6	-55.9	100.	0.0189	0.0188	0.4086
10107.	253.0	-56.6	47.9	48.0	-56.9	100.	0.0177	0.0177	0.4065
10164.	250.7	-56.9	48.5	48.5	-56.5	100.	0.0172	0.0173	0.4031
10220.	248.5	-57.2	48.3	48.3	-57.2	100.	0.0157	0.0158	0.4009
10279.	246.2	-57.7	48.2	48.2	-58.5	100.	0.0145	0.0146	0.3983
10343.	243.7	-58.2	48.6	48.6	-58.2	100.	0.0138	0.0139	0.3950
10408.	241.2	-58.9	48.5	48.5	-59.9	100.	0.0125	0.0127	0.3922
10470.	238.8	-59.4	48.0	48.0	-59.9	100.	0.0111	0.0113	0.3899
10531.	236.5	-59.8	48.8	48.8	-59.9	100.	0.0110	0.0111	0.3864
10581.	234.6	-60.1	48.4	48.4	-59.9	100.	0.0100	0.0102	0.3845
10634.	232.6	-61.1	48.3	48.3	-59.9	100.	0.0092	0.0094	0.3823
10698.	230.0	-61.6	48.7	48.7	-59.9	100.	0.0087	0.0089	0.3791
10744.	228.5	-62.1	48.6	48.6	-59.9	100.	0.0081	0.0083	0.3772
10875.	223.7	-62.2	49.5	49.8	-62.6	100.	0.0076	0.0078	0.3701
10927.	221.8	-63.4	49.3	49.3	-59.9	100.	0.0068	0.0070	0.3684
10991.	219.5	-63.5	50.0	50.0	-63.6	100.	0.0056	0.0068	0.3649
11055.	217.2	-64.2	50.0	50.0	-59.9	100.	0.0061	0.0063	0.3621
11115.	215.1	-64.3	50.8	50.8	-64.3	100.	0.0060	0.0062	0.3588
11183.	212.7	-64.3	51.8	51.8	-64.3	100.	0.0060	0.0062	0.3548
11238.	210.8	-64.4	52.5	52.5	-64.4	100.	0.0059	0.0061	0.3518
11296.	208.6	-64.4	52.6	52.6	-59.9	100.	0.0055	0.0057	0.3493
11337.	207.4	-65.5	52.6	52.6	-65.3	100.	0.0052	0.0054	0.3476
11399.	205.3	-65.6	53.1	53.1	-65.6	100.	0.0050	0.0052	0.3446
11464.	203.1	-65.8	53.8	53.8	-65.8	100.	0.0046	0.0050	0.3412
11512.	201.4	-66.0	54.2	54.2	-66.0	100.	0.0047	0.0049	0.3385
11575.	199.4	-66.4	54.5	54.5	-66.4	100.	0.0044	0.0046	0.3360
11615.	198.1	-66.6	54.8	54.8	-59.9	100.	0.0043	0.0025	0.3341
11682.	195.9	-66.9	55.4	55.4	-59.9	100.	0.0041	0.0024	0.3309

SOUNDING 15.0
 LATITUDE -59.5 LONGITUDE 0.6
 DATE 11-12-81 TIME 1752 GMT
 NUMBER OF LEVELS 32

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	595.1	1.0	1.4	2.0	0.1	94.	6.1821	4.9023	1.2694
2.	594.4	0.5	1.2	1.8	0.1	95.	6.1821	4.9023	1.2700
4.	594.0	0.1	1.0	1.6	-0.2	98.	6.0382	4.7934	1.2656
108.	581.8	-0.5	0.9	1.6	-0.6	99.	5.8418	4.6443	1.2591
181.	572.8	-1.1	1.1	1.6	-1.1	100.	5.6244	4.4637	1.2501
280.	563.7	-1.6	1.3	1.9	-1.6	100.	5.3758	4.2896	1.2406
335.	554.2	-2.1	1.6	2.1	-2.1	100.	5.1558	4.1216	1.2305
411.	545.1	-2.6	1.8	2.3	-2.6	100.	4.9440	3.9596	1.2209
479.	537.5	-3.1	2.0	2.5	-3.1	100.	4.7402	3.8227	1.2125
554.	528.1	-3.6	2.3	2.8	-3.5	100.	4.5826	3.6824	1.2027
618.	520.6	-3.9	2.5	3.0	-3.9	100.	4.4299	3.5650	1.1947
731.	507.6	-3.7	3.9	4.4	-4.0	97.	4.3922	3.5360	1.1769
904.	488.7	-4.2	5.3	5.8	-4.4	97.	4.2451	3.4226	1.1526
955.	482.1	-3.2	6.6	7.1	-4.7	88.	4.1379	3.3399	1.1417
1000.	476.4	-2.2	8.2	8.7	-4.8	80.	4.1026	3.3127	1.1301
1059.	470.7	-1.4	9.6	10.1	-4.9	74.	4.0676	3.2857	1.1194
1112.	464.9	-1.1	10.4	12.8	-4.9	73.	4.0675	3.2856	1.1108
1161.	459.6	-0.7	11.3	11.8	-4.9	70.	4.0675	3.2855	1.1024
1211.	454.2	-0.3	12.3	12.8	-5.0	67.	4.0328	3.2587	1.0939
1260.	449.0	0.0	13.1	13.6	-5.1	65.	3.9983	3.2321	1.0860
1311.	443.6	0.3	13.9	14.4	-5.2	63.	3.9642	3.2057	1.0779
1374.	437.0	0.6	14.9	15.4	-5.2	62.	3.9641	3.2056	1.0683
1423.	431.5	0.6	15.4	15.4	-5.3	61.	3.9302	3.1794	1.0618
1483.	426.7	0.4	15.8	16.2	-5.5	61.	3.8832	3.1275	1.0546
1547.	419.1	0.1	16.1	16.6	-5.8	61.	3.7649	3.0513	1.0473
1614.	412.3	0.0	16.7	17.2	-5.9	61.	3.7325	3.0262	1.0390
1662.	407.4	0.0	17.2	17.7	-6.1	60.	3.6687	2.9767	1.0327
1717.	401.3	-0.1	17.7	18.2	-6.2	60.	3.6371	2.9522	1.0260
1769.	395.7	-0.2	18.1	18.6	-6.2	60.	3.6370	2.9521	1.0198
1821.	391.5	-0.5	18.2	18.7	-6.4	61.	3.5747	2.9037	1.0146
1871.	386.6	-1.1	18.3	18.8	-6.6	62.	3.5133	2.8560	1.0097
1932.	381.6	-1.4	18.5	19.0	-6.9	63.	3.4231	2.7858	1.0034

SOUNDING 36.6
 LATITUDE -59.2 LONGITUDE 3.6
 DATE 11-12-81 TIME 2054 GMT
 NUMBER OF LEVELS 79

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	1003.8	0.3	0.2	0.9	-0.4	95.	5.9396	4.7186	1.2797
6.	1000.1	-0.1	-0.1	0.5	-0.6	96.	5.8422	4.6446	1.2806
75.	991.4	-0.8	-0.1	0.5	-1.1	98.	5.6348	4.4641	1.2726
147.	982.5	-1.4	-0.0	0.5	-1.6	98.	5.3762	4.2899	1.2638
223.	973.2	-2.0	0.1	0.7	-2.1	99.	5.1562	4.1219	1.2544
274.	966.9	-2.4	0.2	0.7	-2.6	98.	4.9444	3.9599	1.2480
362.	956.3	-2.8	0.7	1.2	-3.1	98.	4.7415	3.8037	1.2360
409.	950.6	-3.2	0.7	1.2	-3.5	97.	4.5830	3.6828	1.2304
467.	943.6	-3.5	1.0	1.5	-3.9	97.	4.4303	3.5653	1.2226
514.	938.0	-3.4	1.6	2.1	-3.9	96.	4.3302	3.5652	1.2149
556.	933.1	-3.1	2.3	2.8	-3.7	95.	4.5056	3.6234	1.2073
598.	928.0	-2.3	3.5	4.1	-3.1	93.	4.7490	3.8032	1.1976
642.	923.0	-1.6	4.7	5.3	-2.4	94.	5.0272	4.0232	1.1881
692.	917.3	-1.5	5.3	5.9	-2.1	95.	5.1550	4.1209	1.1805
739.	911.8	-1.7	5.6	6.1	-2.2	96.	5.1115	4.0880	1.1742
835.	900.9	-2.2	6.0	6.6	-2.9	97.	4.9975	3.9864	1.1623
882.	895.6	-2.5	6.2	6.7	-3.8	98.	4.8606	3.8956	1.1566
931.	890.1	-2.7	6.4	7.0	-3.1	97.	4.7302	3.8026	1.1503
986.	884.6	-2.7	6.9	7.5	-3.2	96.	4.6993	3.7720	1.1432
1028.	879.2	-2.8	7.3	7.9	-3.3	96.	4.6597	3.7416	1.1366
1075.	874.0	-3.1	7.5	8.0	-3.5	97.	4.5816	3.6816	1.1311
1124.	868.6	-3.4	7.7	8.2	-3.8	97.	4.4666	3.5932	1.1253
1171.	863.5	-3.7	7.8	8.4	-4.1	97.	4.3543	3.5066	1.1199
1218.	858.3	-4.1	7.9	8.4	-4.5	97.	4.2086	3.3944	1.1147
1267.	853.0	-4.4	8.1	8.6	-4.8	97.	4.1022	3.3124	1.1090
1314.	847.7	-4.7	8.3	8.8	-5.9	96.	3.9797	3.2273	1.1035
1353.	843.7	-4.4	8.4	8.9	-5.4	96.	3.8968	3.1535	1.0988
1392.	839.5	-4.1	8.6	9.1	-5.6	96.	3.8304	3.1022	1.0941
1434.	835.1	-3.3	8.8	9.3	-5.7	97.	3.7976	3.0767	1.0892
1473.	830.9	-3.5	9.4	9.8	-5.8	95.	3.7650	3.0515	1.0833
1520.	825.9	-3.2	9.7	10.3	-5.7	96.	3.7495	3.0766	1.0768
1563.	821.4	-3.4	10.1	10.6	-6.0	95.	3.7206	3.0015	1.0717
1594.	818.2	-3.4	10.4	10.9	-6.2	93.	3.6837	2.9524	1.0675
1628.	814.6	-3.6	10.5	11.0	-6.4	93.	3.5750	2.9040	1.0635
1668.	810.5	-3.8	10.7	11.2	-6.9	91.	3.4236	2.7862	1.0589
1702.	807.0	-6.0	10.9	11.3	-7.3	89.	3.3066	2.6951	1.0550
1739.	803.2	-5.9	11.4	11.8	-7.4	88.	3.2779	2.6727	1.0496
1780.	799.0	-5.8	11.8	12.2	-7.6	86.	3.2213	2.6285	1.0441
1816.	795.3	-5.7	12.4	12.8	-7.5	86.	3.2494	2.6504	1.0385
1862.	790.7	-5.4	13.2	13.6	-7.6	83.	3.2212	2.6284	1.0331
1901.	786.7	-5.4	13.6	14.0	-7.7	82.	3.1931	2.6065	1.0262
1950.	781.8	-5.4	14.1	14.5	-7.8	81.	3.1653	2.5848	1.0198
1992.	777.7	-5.2	14.7	15.2	-7.8	80.	3.1653	2.5847	1.0137
2031.	773.8	-5.4	14.3	15.4	-7.9	81.	3.1377	2.5632	1.0083
2078.	769.2	-5.5	15.7	16.1	-7.9	79.	3.1376	2.5631	1.0026
2117.	765.4	-5.2	16.1	16.5	-7.9	79.	3.1376	2.5631	0.9977
2167.	760.5	-5.1	16.7	17.2	-7.9	78.	3.1375	2.5630	0.9909
2210.	756.3	-5.2	17.1	17.5	-7.9	79.	3.1375	2.5630	0.9858
2257.	751.8	-5.3	17.5	18.0	-7.8	80.	3.1649	2.5844	0.9800
2295.	748.2	-5.6	17.5	18.0	-7.9	82.	3.1374	2.5629	0.9767
2337.	744.2	-5.5	17.6	18.1	-8.0	83.	3.1100	2.5415	0.9726
2375.	740.6	-6.0	17.9	18.4	-8.0	84.	3.1100	2.5415	0.9683
2433.	735.1	-6.2	18.3	18.8	-8.0	86.	3.1099	2.5414	0.9618
2471.	731.5	-6.5	18.4	18.9	-8.0	88.	3.1099	2.5414	0.9582
2514.	727.7	-6.7	18.6	19.1	-8.5	89.	3.1398	2.5413	0.9537
2556.	723.6	-7.0	18.8	19.2	-7.9	92.	3.1370	2.5626	0.9497
2611.	718.5	-7.2	19.1	19.6	-8.0	93.	3.1097	2.5412	0.9437
2665.	713.6	-7.5	19.4	19.9	-8.0	96.	3.1096	2.5412	0.9383
2710.	709.4	-7.8	19.4	19.9	-8.3	97.	3.0240	2.4781	0.9342
2755.	705.3	-8.2	19.8	20.0	-8.6	97.	2.9502	2.4164	0.9298
2799.	701.3	-8.5	19.7	20.0	-8.9	97.	2.8734	2.3561	0.9255
2844.	697.3	-8.8	19.5	20.0	-9.3	96.	2.7738	2.2779	0.9212
2887.	693.4	-9.1	20.0	20.4	-9.5	97.	2.7251	2.2396	0.9170
2937.	688.9	-9.4	20.0	20.7	-9.7	97.	2.6772	2.2020	0.9121
2984.	684.8	-9.6	20.0	20.8	-10.0	97.	2.6269	2.1466	0.9073
3026.	681.0	-10.1	20.0	20.8	-9.7	97.	2.5348	2.0709	0.9037
3076.	676.6	-10.3	20.0	20.7	-9.6	97.	2.4732	2.0462	0.8988
3113.	673.4	-10.5	20.0	20.7	-9.6	98.	2.4365	2.0190	0.8952
3156.	669.9	-10.8	20.0	20.7	-11.0	98.	2.3845	1.9709	0.8911
3244.	662.0	-11.3	20.0	20.7	-9.9	95.	2.2487	1.8664	0.8822
3244.	657.7	-11.1	20.0	20.7	-12.1	95.	2.1601	1.7929	0.8775
3338.	653.9	-11.7	20.0	20.7	-12.5	93.	2.0834	1.7319	0.8730
3383.	650.1	-12.4	20.0	20.7	-12.9	92.	2.0066	1.6728	0.8689
3524.	637.3	-13.4	20.0	20.7	-14.2	93.	1.7844	1.4931	0.8562
3578.	633.6	-13.8	20.0	20.7	-14.7	93.	1.7447	1.4288	0.8528
3645.	628.0	-14.0	20.0	20.7	-9.9	93.	1.6125	1.3543	0.8473
3779.	617.1	-13.9	20.0	20.7	-9.9	93.	1.4029	1.2069	0.8364
3813.	612.6	-14.1	20.0	20.7	-14.9	93.	1.3683	1.1748	0.8314
3913.	606.1	-16.2	20.0	20.7	-17.1	93.	1.3683	1.1539	0.8232

SOUNDING 37.0
 LATITUDE -59.2 LONGITUDE 0.8
 DATE 11-13-81 TIME 0333 GMT
 NUMBER OF LEVELS 36

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	995.5	1.1	1.5	2.1	0.5	96.	6.3639	5.0391	1.2696
71.	986.7	-0.4	0.6	1.3	-0.4	100.	5.9393	4.7183	1.2649
151.	976.9	-1.1	0.7	1.3	99.9	98.	5.5086	4.4123	1.2553
237.	966.4	-1.7	1.0	1.5	99.9	96.	5.1413	4.1259	1.2443
300.	958.8	-2.1	1.2	1.7	99.9	95.	4.9024	3.9392	1.2362
372.	950.1	-2.7	1.3	1.8	99.9	94.	4.5851	3.6913	1.2275
462.	939.3	-3.2	1.7	2.1	99.9	92.	4.3038	3.4705	1.2156
756.	905.1	-2.1	5.7	6.2	-4.0	85.	4.3922	3.5359	1.1668
861.	893.2	-3.8	5.0	5.5	99.9	86.	3.8615	3.1199	1.1583
921.	886.4	-4.4	5.6	5.5	99.9	87.	3.6999	2.9956	1.1520
1455.	828.2	-4.7	10.1	10.7	99.9	94.	3.8683	3.1369	1.0779
1512.	822.2	-4.8	10.6	11.1	-5.5	94.	3.8632	3.1275	1.0705
1560.	817.2	-4.9	11.0	11.5	-6.9	92.	3.7326	3.0263	1.0643
1621.	810.9	-5.0	11.5	12.0	-6.5	88.	3.5442	2.8800	1.0566
1671.	805.8	-4.9	12.2	12.6	-6.6	86.	3.5136	2.8562	1.0493
1728.	799.9	-4.9	12.8	13.2	-7.0	83.	3.3939	2.7630	1.0415
1838.	788.8	-4.3	14.5	15.2	-7.4	77.	3.2777	2.6725	1.0248
2046.	768.2	-5.8	15.1	15.5	-8.8	77.	2.8996	2.3767	1.0033
2107.	762.2	-6.0	15.5	16.0	-9.0	77.	2.8489	2.3369	0.9962
2139.	759.1	-6.3	15.6	16.0	99.9	78.	2.8082	2.2887	0.9933
2191.	754.1	-6.7	15.7	16.1	99.9	79.	2.7628	2.2550	0.9882
2259.	747.5	-7.1	16.0	16.4	99.9	81.	2.7331	2.2341	0.9810
2411.	733.1	-7.9	16.7	17.1	99.9	85.	2.6820	2.1990	0.9650
2514.	723.4	-8.3	17.4	17.8	-9.7	88.	2.6777	2.2023	0.9537
2560.	719.1	-8.6	17.5	17.9	-10.2	87.	2.5614	2.1107	0.9490
2624.	713.2	-8.8	18.0	18.4	-10.6	85.	2.4717	2.0397	0.9419
2674.	708.6	-9.1	18.2	18.6	-11.1	84.	2.3637	1.9544	0.9368
2711.	705.2	-8.9	18.8	19.2	-11.6	79.	2.2600	1.8723	0.9315
2764.	700.4	-9.4	18.8	19.2	-11.9	80.	2.1999	1.8245	0.9269
2872.	690.6	-10.2	19.1	19.5	-9.9	80.	2.0469	1.6918	0.9166
3138.	667.1	-11.5	20.6	20.9	-14.0	80.	1.8176	1.5197	0.8897
3178.	663.6	-11.9	20.6	20.9	-14.3	80.	1.7683	1.4802	0.8863
3248.	657.6	-12.4	20.8	21.1	-14.6	82.	1.7232	1.4416	0.8809
3300.	653.1	-13.0	20.7	20.9	-15.1	83.	1.6437	1.3793	0.8759
3353.	648.6	-13.4	20.8	21.1	-15.5	82.	1.5830	1.3313	0.8712
3568.	630.4	-14.9	21.5	21.7	99.9	82.	1.3796	0.8013	0.8512

SOUNDING 38.0
 LATITUDE -58.8 LONGITUDE 0.7
 DATE 11-13-81 TIME 0604 GMT
 NUMBER OF LEVELS 93

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	993.4	0.4	0.9	1.6	-0.1	96.	6.0883	4.8314	1.2699
2.	993.2	0.1	0.6	1.3	-0.3	97.	5.9987	4.7558	1.2710
36.	988.9	-0.2	0.7	1.3	-0.5	98.	5.8924	4.6812	1.2668
116.	979.1	-0.8	0.8	1.5	-0.8	100.	5.7457	4.5713	1.2569
180.	971.2	-1.4	0.9	1.5	99.9	100.	5.4863	4.3832	1.2494
223.	966.0	-1.6	0.9	1.5	99.9	100.	5.2864	4.2450	1.2444
259.	961.6	-2.1	0.9	1.5	99.9	100.	5.1559	4.1439	1.2400
307.	955.9	-2.4	1.1	1.7	99.9	100.	5.0279	4.0451	1.2340
360.	949.5	-2.8	1.2	1.8	99.9	100.	4.8617	3.9166	1.2274
412.	943.3	-3.1	1.4	2.0	99.9	100.	4.7403	3.8227	1.2207
457.	937.9	-3.5	1.5	2.0	99.9	100.	4.5828	3.7006	1.2154
509.	931.7	-3.8	1.7	2.2	99.9	100.	4.4678	3.6115	1.2086
560.	925.7	-4.2	1.8	2.3	99.9	100.	4.3186	3.4956	1.2025
607.	920.2	-4.5	2.0	2.4	99.9	100.	4.2097	3.4109	1.1966
659.	914.2	-4.9	2.1	2.5	99.9	100.	4.0684	3.3009	1.1905
698.	909.6	-5.2	2.2	2.6	99.9	100.	3.9653	3.2206	1.1858
735.	905.2	-5.5	2.2	2.7	99.9	100.	3.8645	3.1420	1.1813
778.	900.4	-5.8	2.3	2.8	99.9	100.	3.7661	3.0652	1.1763
820.	895.6	-6.1	2.4	2.9	99.9	100.	3.6700	2.9901	1.1713
862.	890.8	-6.4	2.6	3.0	99.9	100.	3.5765	2.9166	1.1662
956.	880.1	-6.6	3.3	3.7	99.9	100.	3.5147	2.8686	1.1531
994.	875.8	-4.7	5.7	6.2	-4.7	100.	4.1379	3.3398	1.1399
1022.	872.7	-3.4	6.9	7.3	-3.9	100.	4.4296	3.5643	1.1327
1053.	869.3	-3.5	7.5	8.1	-3.6	99.	4.5429	3.6519	1.1267
1102.	861.9	-3.7	8.2	8.8	-3.6	97.	4.5428	3.6518	1.1189
1126.	861.3	-3.4	8.4	8.9	-3.9	96.	4.4288	3.5641	1.1156
1147.	856.9	-3.6	8.7	9.1	-4.1	96.	4.3540	3.5067	1.1109
1180.	854.6	-3.6	8.8	9.3	-4.2	95.	4.3173	3.4783	1.1079
1219.	851.2	-3.6	9.1	9.6	-4.3	94.	4.2807	3.4501	1.1035
1250.	847.0	-3.7	9.4	9.9	-4.4	94.	4.2444	3.4220	1.0995
1326.	839.8	-3.8	10.0	10.5	-4.8	93.	4.1630	3.3656	1.0999
1364.	835.7	-3.9	10.3	10.8	-4.8	93.	4.1018	3.3121	1.0946
1387.	833.3	-4.2	10.2	10.7	-5.1	93.	3.9591	3.2319	1.0822

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
1426.	829.2	-4.1	10.7	11.2	-5.1	92.	3.9980	3.2318	1.0769
1465.	825.1	-4.1	11.1	11.6	-5.2	91.	3.9639	3.2054	1.0715
1485.	823.0	-4.0	11.4	11.9	-5.2	90.	3.9638	3.2054	1.0684
1565.	814.7	-3.9	12.3	12.9	99.9	89.	3.9312	3.1790	1.0573
1648.	806.2	-4.0	13.1	13.6	-5.6	87.	3.8299	3.1017	1.0466
1788.	791.9	-5.0	15.5	14.0	99.9	86.	3.4823	2.8263	1.0316
2794.	696.1	-8.8	20.0	20.4	99.9	80.	2.3240	1.9113	0.9192
2811.	694.5	-9.0	20.0	20.4	-11.5	80.	2.2803	1.8884	0.9178
2873.	689.0	-9.1	20.5	20.9	-11.7	79.	2.2396	1.8561	0.9109
2900.	686.6	-9.2	20.7	21.1	-12.1	77.	2.1603	1.7931	0.9080
2939.	683.1	-9.3	21.0	21.4	-12.2	77.	2.1409	1.7777	0.9037
2970.	680.4	-9.5	21.2	21.5	-12.4	77.	2.1025	1.7472	0.9008
3000.	677.7	-9.6	21.4	21.7	-12.5	77.	2.0836	1.7321	0.8975
3071.	671.5	-10.1	21.6	21.9	99.9	77.	2.0024	1.6543	0.8909
3116.	667.6	-10.4	21.7	22.1	-13.2	78.	1.9553	1.6298	0.8867
3140.	665.5	-10.6	21.8	22.1	-13.4	78.	1.9200	1.6016	0.8846
3185.	661.6	-10.8	22.1	22.4	-13.6	78.	1.8852	1.5739	0.8801
3218.	658.8	-11.2	22.0	22.3	-13.6	80.	1.8852	1.5738	0.8777
3253.	655.8	-11.5	22.0	22.3	-13.8	81.	1.8511	1.5465	0.8747
3276.	653.8	-11.5	22.3	22.6	-13.8	81.	1.8511	1.5465	0.8720
3330.	649.2	-11.7	22.6	22.9	-14.2	80.	1.7845	1.4932	0.8665
3379.	645.1	-12.0	22.8	23.1	-14.3	81.	1.7682	1.4801	0.8620
3399.	643.4	-12.2	22.8	23.1	-14.6	80.	1.7201	1.4415	0.8604
3439.	640.0	-12.4	23.0	23.3	-14.8	80.	1.6887	1.4163	0.8565
3476.	636.9	-12.5	23.2	23.5	-15.0	83.	1.6578	1.3915	0.8539
3548.	630.9	-13.3	23.2	23.5	-15.3	83.	1.6125	1.3550	0.8472
3593.	627.2	-13.4	23.6	23.9	-15.6	82.	1.5683	1.3194	0.8425
3621.	624.9	-13.7	23.6	23.9	-15.8	82.	1.5394	1.2962	0.8403
3689.	619.3	-14.0	23.8	24.3	-16.0	83.	1.5111	1.2733	0.8338
3710.	617.6	-14.4	23.8	24.1	-16.2	85.	1.4832	1.2507	0.8327
3740.	615.2	-14.5	24.0	24.3	-16.7	82.	1.4156	1.1961	0.8298
3782.	611.8	-14.8	24.1	24.4	-16.8	83.	1.4024	1.1854	0.8261
3816.	609.0	-14.9	24.4	24.7	-17.1	82.	1.3635	1.1539	0.8226
3870.	604.7	-15.3	24.5	24.8	-17.2	84.	1.3508	1.1435	0.8181
3906.	601.8	-15.5	24.7	25.0	-17.2	85.	1.3507	1.1435	0.8148
3936.	599.4	-15.6	25.0	25.2	-17.4	85.	1.3256	1.1231	0.8119
3980.	595.9	-15.6	25.2	25.5	-17.7	84.	1.2987	1.0931	0.8077
4017.	593.0	-16.1	25.3	25.5	-17.8	85.	1.2766	1.0832	0.8047
4058.	589.8	-15.9	26.0	26.2	-17.9	83.	1.2646	1.0735	0.7998
4081.	588.0	-16.1	26.0	26.2	-18.0	84.	1.2527	1.0638	0.7979
4127.	584.4	-16.0	26.6	26.9	-18.1	82.	1.2439	1.0542	0.7927
4172.	580.9	-16.0	27.2	27.4	-18.1	82.	1.2409	1.0542	0.7880
4202.	578.6	-16.1	27.4	27.6	-18.3	81.	1.2176	1.0352	0.7852
4247.	575.1	-16.1	27.5	28.1	-18.2	82.	1.2291	1.0446	0.7804
4270.	572.7	-16.3	28.0	28.3	-18.3	83.	1.2176	1.0352	0.7778
4322.	569.4	-16.5	28.3	28.5	-18.4	84.	1.2061	1.0258	0.7739
4353.	567.1	-16.7	28.4	28.6	-18.6	84.	1.1834	1.0073	0.7714
4418.	562.2	-16.8	29.0	29.3	-18.7	84.	1.1722	0.9982	0.7650
4420.	562.0	-17.2	28.6	28.8	-19.0	84.	1.1392	0.9713	0.7659
4470.	558.3	-17.7	28.6	28.8	-19.1	88.	1.1284	0.9624	0.7623
4494.	556.5	-18.0	28.5	28.7	-19.3	88.	1.1071	0.9450	0.7607
4552.	552.2	-18.3	28.8	29.0	-19.7	88.	1.0656	0.9110	0.7552
4594.	548.8	-18.7	28.5	29.1	-19.9	89.	1.0453	0.8944	0.7522
4617.	547.4	-18.8	29.0	29.2	-20.3	87.	1.0059	0.8620	0.7506
4651.	544.9	-19.2	28.9	29.1	-20.5	88.	0.9867	0.8463	0.7483
4710.	540.6	-19.6	29.1	29.3	-20.9	88.	0.9494	0.8155	0.7436
4717.	540.1	-20.2	28.5	28.7	-21.0	93.	0.9402	0.8080	0.7446
4755.	537.3	-20.2	28.9	29.1	-21.1	92.	0.9312	0.8005	0.7408
4824.	532.3	-21.0	28.8	28.9	-21.6	94.	0.8871	0.7641	0.7362
4877.	529.5	-21.1	29.3	29.4	-22.0	92.	0.8532	0.7361	0.7312

SOUNDING 39.0
 LATITUDE -58.5 LONGITUDE 0.7
 DATE 11-13-81 TIME 0857 GMT
 NUMBER OF LEVELS 74

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	996.7	-0.9	-0.6	-0.2	-3.7	79.	4.5070	3.6244	1.2790
14.	995.0	-1.5	-1.1	-0.7	99.9	79.	4.3029	3.4471	1.2794
83.	986.4	-2.4	-1.3	-0.9	99.9	81.	4.0624	3.2646	1.2724
158.	977.1	-3.1	-1.3	-0.9	99.9	82.	3.9036	3.1447	1.2636
235.	967.5	-4.0	-1.4	-1.1	99.9	84.	3.6883	2.9806	1.2552
311.	958.2	-4.8	-1.5	-1.1	99.9	86.	3.5103	2.8448	1.2467
385.	949.3	-5.4	-1.4	-1.0	94.9	87.	3.3940	2.7565	1.2379
454.	940.9	-6.1	-1.4	-1.1	99.9	89.	3.2491	2.6454	1.2300
523.	932.7	-6.6	-1.2	-0.9	99.9	90.	3.1620	2.5792	1.2215
675.	914.6	-7.5	-0.6	-0.3	99.9	93.	3.0284	2.4783	1.2018
743.	906.7	-8.0	-0.5	-0.1	99.9	95.	2.9431	2.4130	1.1937
816.	898.2	-8.5	-0.3	0.1	99.9	96.	2.8628	2.3514	1.1847
886.	890.1	-8.8	0.1	0.5	99.9	98.	2.8312	2.3281	1.1753
936.	884.3	-9.4	0.9	0.3	99.9	99.	2.7147	2.2371	1.1702

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
999.	877.1	-8.8	1.3	1.6	-8.8	100.	2.9909	2.3778	1.1582
1055.	870.8	-8.8	3.9	4.3	-7.1	97.	3.3655	2.7410	1.1417
1106.	865.2	-6.1	5.2	5.6	-6.5	97.	3.5450	2.8807	1.1315
1147.	860.7	-6.7	5.3	5.4	-6.9	96.	3.3393	2.7261	1.1280
1193.	855.6	-5.5	6.7	7.1	-6.1	95.	3.6694	2.9773	1.1166
1241.	850.4	-5.3	7.7	8.2	-6.0	92.	3.7011	3.0019	1.1078
1283.	845.9	-4.9	8.2	8.7	-6.0	91.	3.7010	3.0018	1.1015
1323.	841.6	-4.8	8.7	9.2	-6.0	90.	3.7010	3.0018	1.0955
1370.	836.5	-4.8	9.2	9.7	-6.1	89.	3.6691	2.9771	1.0889
1460.	827.0	-5.1	9.8	10.3	-6.3	90.	3.6062	2.9282	1.0777
1510.	821.8	-5.2	10.2	10.7	-6.5	89.	3.5444	2.8802	1.0713
1551.	817.5	-5.3	10.6	11.0	-6.6	89.	3.5138	2.8564	1.0661
1595.	812.9	-5.5	10.8	11.3	-6.9	90.	3.4640	2.8163	1.0608
1635.	808.8	-5.8	10.9	11.4	-7.3	90.	3.3846	2.7546	1.0566
1673.	804.8	-6.1	11.0	11.4	-7.3	90.	3.3066	2.6950	1.0525
1772.	794.7	-6.6	11.5	11.9	-9.9	90.	3.1660	2.5839	1.0412
1888.	783.0	-6.9	12.4	12.8	-9.9	90.	3.0837	2.5195	1.0270
2049.	766.9	-7.3	13.6	14.1	-8.5	90.	2.9770	2.4374	1.0074
2105.	761.4	-7.7	13.8	14.2	-9.9	90.	2.8658	2.3481	1.0016
2211.	751.1	-7.9	14.7	15.1	-9.2	89.	2.7990	2.2977	0.9887
2422.	731.0	-8.5	16.3	16.7	-10.3	85.	2.5388	2.0929	0.9643
2472.	726.3	-9.0	16.3	16.6	-10.7	86.	2.4499	2.0226	0.9599
2608.	713.6	-10.1	16.5	16.9	-9.9	86.	2.2337	1.8457	0.9469
2667.	708.1	-10.6	16.6	16.9	-12.2	87.	2.1411	1.7779	0.9413
2704.	704.7	-11.0	16.6	16.9	-12.3	89.	2.1218	1.7625	0.9382
2798.	696.1	-11.9	16.6	16.9	-9.9	87.	1.9194	1.5964	0.9298
2885.	688.2	-12.4	17.0	17.3	-14.1	86.	1.8012	1.5066	0.9209
2928.	684.4	-12.5	17.3	17.6	-9.9	83.	1.7305	1.4423	0.9161
2972.	680.4	-12.7	17.6	17.8	-15.1	80.	1.6429	1.3795	0.9114
3021.	676.1	-13.0	17.8	18.0	-15.4	80.	1.5679	1.3433	0.9067
3107.	668.5	-13.2	18.5	18.7	-9.9	78.	1.5225	1.2719	0.8971
3153.	664.4	-13.3	18.5	19.1	-16.2	77.	1.4835	1.2510	0.8920
3195.	660.6	-13.7	18.9	19.1	-16.4	78.	1.4561	1.2288	0.8885
3243.	656.6	-14.0	19.1	19.3	-9.9	78.	1.4251	1.1941	0.8838
3282.	653.2	-14.4	19.1	19.3	-9.9	79.	1.3804	1.1584	0.8806
3332.	648.9	-14.7	19.3	19.5	-17.2	79.	1.3510	1.1437	0.8758
3479.	636.4	-15.5	20.0	20.2	-17.8	81.	1.2768	1.0834	0.8615
3531.	632.0	-16.0	20.0	20.2	-18.3	81.	1.2179	1.0355	0.8572
3585.	627.5	-16.1	20.5	20.7	-18.5	80.	1.1950	1.0168	0.8514
3628.	623.9	-16.4	20.6	20.8	-18.7	81.	1.1725	0.9985	0.8475
3680.	619.6	-16.7	20.9	21.1	-19.1	80.	1.1287	0.9627	0.8426
3730.	615.5	-16.8	21.3	21.5	-13.2	80.	1.1180	0.9539	0.8374
3885.	602.9	-17.1	22.7	22.9	-9.9	81.	1.1046	0.9365	0.8212
3991.	594.4	-17.8	23.1	23.3	-19.9	82.	1.0455	0.8945	0.8118
4098.	586.0	-18.1	24.0	24.2	-9.9	84.	1.0447	0.8891	0.8013
4405.	562.3	-19.7	25.6	25.8	-20.7	91.	0.9680	0.8308	0.7737
4547.	551.6	-21.5	25.1	25.3	-22.0	95.	0.8573	0.7362	0.7643
4608.	547.0	-21.5	25.8	26.0	-21.9	96.	0.8616	0.7431	0.7580
4664.	542.9	-22.1	25.8	25.9	-22.4	97.	0.8236	0.7091	0.7540
4720.	538.7	-22.7	25.7	25.9	-23.0	97.	0.7737	0.6702	0.7500
4828.	530.8	-23.7	25.8	25.9	-24.9	98.	0.7112	0.6186	0.7419
4945.	522.4	-24.9	25.7	25.9	-24.9	100.	0.6410	0.5594	0.7336
5000.	518.4	-25.3	25.9	26.0	-25.3	100.	0.6158	0.5384	0.7292
5062.	514.0	-25.7	25.5	25.5	-25.2	100.	0.5626	0.4936	0.7256
5123.	509.7	-26.7	25.6	25.7	-9.9	100.	0.5334	0.4695	0.7209
5184.	505.4	-27.0	25.4	25.5	-9.9	99.	0.4934	0.4330	0.7171
5327.	495.4	-29.0	25.0	25.1	-9.9	99.	0.4199	0.3638	0.7078
5519.	482.2	-30.0	26.3	26.4	-30.2	98.	0.3733	0.3329	0.6912
5701.	470.0	-30.0	27.4	27.5	-31.0	99.	0.3433	0.3072	0.6762
5772.	465.3	-31.4	27.8	27.8	-31.4	99.	0.3252	0.2951	0.6705

SOUNDING 40.0
 LATITUDE -58.4 LONGITUDE 1.1
 DATE 11-13-81 TIME 1517 GMT
 NUMBER OF LEVELS 205

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
3.	996.0	-2.0	-1.7	-1.2	-3.2	90.	4.7015	3.7738	1.2834
26.	992.8	-2.4	-1.8	-1.4	-3.4	92.	4.6028	3.7133	1.2811
86.	985.2	-3.2	-2.0	-1.6	-4.0	93.	4.3937	3.5371	1.2749
135.	979.1	-3.7	-2.1	-1.6	-4.6	93.	4.1750	3.3686	1.2692
177.	974.0	-4.1	-2.1	-1.6	-5.1	92.	4.0034	3.2338	1.2643
209.	970.0	-4.5	-2.2	-1.7	-5.4	93.	3.8549	3.1552	1.2610
250.	965.9	-4.8	-2.1	-1.7	-5.8	93.	3.7171	3.0532	1.2558
305.	958.2	-5.3	-2.0	-1.6	-6.1	93.	3.6710	2.9786	1.2492
348.	953.0	-5.6	-2.1	-1.7	-6.5	94.	3.5833	2.8917	1.2447
389.	948.0	-6.2	-2.1	-1.7	-6.8	95.	3.4854	2.8110	1.2399
421.	944.1	-6.5	-2.1	-1.7	-7.1	95.	3.3865	2.7418	1.2361
452.	940.4	-6.8	-2.1	-1.7	-7.3	96.	3.3085	2.6966	1.2326
486.	936.3	-7.1	-2.1	-1.7	-7.6	96.	3.2231	2.6300	1.2286
522.	932.0	-7.4	-2.0	-1.7	-9.9	96.	3.1440	2.5722	1.2243

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
555.	928.0	-7.8	-2.1	-1.7	99.9	96.	3.0398	2.4904	1.2208
593.	923.5	-8.1	-2.0	-1.7	99.9	96.	2.9650	2.4317	1.2162
631.	919.0	-8.4	-1.9	-1.6	99.9	96.	2.8918	2.3742	1.2116
666.	914.8	-8.8	-2.0	-1.7	99.9	96.	2.7954	2.2983	1.2078
708.	909.9	-9.1	-1.9	-1.6	99.9	96.	2.7264	2.2440	1.2027
746.	905.4	-9.5	-1.9	-1.6	99.9	97.	2.6353	2.1721	1.1985
789.	900.3	-9.9	-1.9	-1.6	99.9	97.	2.5474	2.1027	1.1935
831.	895.5	-10.2	-1.8	-1.5	99.9	97.	2.4839	2.0525	1.1884
872.	890.7	-10.5	-1.7	-1.4	99.9	97.	2.4219	2.0035	1.1834
914.	885.8	-10.9	-1.7	-1.4	99.9	97.	2.3404	1.9389	1.1786
953.	881.1	-11.1	-1.5	-1.2	99.9	97.	2.3022	1.9086	1.1732
1005.	875.4	-11.6	-1.5	-1.2	99.9	97.	2.2050	1.8313	1.1678
1049.	870.4	-11.9	-1.3	-1.1	99.9	98.	2.1495	1.7872	1.1624
1094.	865.3	-12.2	-1.2	-0.9	99.9	98.	2.0954	1.7441	1.1569
1133.	860.8	-12.5	-1.1	-0.9	99.9	98.	2.0421	1.7017	1.1522
1171.	856.5	-12.7	-0.5	-0.7	99.9	98.	2.0081	1.6746	1.1473
1215.	851.6	-11.7	0.6	0.8	-11.0	98.	2.2011	1.8256	1.1365
1254.	847.3	-10.3	2.4	2.7	-10.9	95.	2.4077	1.9893	1.1249
1289.	843.5	-9.9	3.2	3.5	-10.6	94.	2.4731	2.0410	1.1182
1323.	839.7	-9.7	3.8	4.1	-10.5	93.	2.4952	2.0584	1.1124
1366.	835.9	-9.6	4.2	4.6	-10.4	93.	2.5174	2.0760	1.1070
1398.	832.0	-9.5	4.7	5.0	-10.5	92.	2.4951	2.0584	1.1014
1428.	828.4	-9.6	5.0	5.3	-10.6	91.	2.4729	2.0409	1.0970
1465.	824.4	-9.7	5.2	5.5	-11.1	88.	2.3648	1.9554	1.0921
1496.	821.1	-9.5	5.8	6.1	-11.8	81.	2.2208	1.8412	1.0868
1527.	817.6	-9.3	6.3	6.6	-12.1	78.	2.1615	1.7941	1.0815
1559.	814.5	-9.2	6.7	7.0	-12.4	75.	2.1037	1.7482	1.0767
1592.	811.0	-9.1	7.2	7.5	-12.4	74.	2.1037	1.7481	1.0717
1627.	807.3	-9.3	7.3	7.6	-12.5	75.	2.0847	1.7330	1.0676
1664.	803.5	-9.1	7.5	8.2	-12.6	73.	2.0659	1.7180	1.0618
1702.	799.5	-9.3	8.1	8.4	-12.7	74.	2.0472	1.7032	1.0573
1740.	795.6	-9.3	8.5	8.8	-12.7	74.	2.0472	1.7031	1.0521
1779.	791.7	-9.4	8.8	9.1	-12.9	73.	2.0103	1.6738	1.0473
1816.	787.8	-9.6	9.2	9.2	-13.0	74.	1.9921	1.6593	1.0430
1851.	783.2	-9.9	9.1	9.4	-13.2	74.	1.9562	1.6306	1.0380
1882.	779.0	-9.9	9.6	9.8	-13.3	74.	1.9385	1.6164	1.0325
1945.	774.7	-10.2	9.7	10.0	-13.5	74.	1.9034	1.5884	1.0279
2023.	766.4	-10.6	10.1	10.4	-13.7	76.	1.8689	1.5608	1.0184
2057.	762.5	-10.6	10.3	10.6	-13.8	76.	1.8519	1.5472	1.0140
2100.	759.2	-11.1	10.4	10.6	-14.0	77.	1.8183	1.5203	1.0108
2139.	755.4	-11.3	10.5	10.8	-14.2	77.	1.7853	1.4938	1.0065
2176.	751.7	-11.6	10.6	10.9	-14.4	78.	1.7526	1.4678	1.0027
2211.	748.3	-11.8	10.8	11.0	-14.5	78.	1.7367	1.4549	0.9989
2249.	744.6	-12.0	11.0	11.2	-14.7	78.	1.7150	1.4295	0.9947
2327.	737.0	-12.4	11.4	11.6	-15.1	78.	1.6433	1.3798	0.9860
2364.	733.5	-12.6	11.5	11.8	-15.2	79.	1.6281	1.3676	0.9821
2401.	730.0	-12.7	11.8	12.0	-15.5	77.	1.5876	1.3317	0.9777
2441.	726.1	-12.8	12.1	12.4	-15.6	77.	1.5689	1.3202	0.9729
2479.	722.5	-12.9	12.4	12.7	-15.7	77.	1.5544	1.3083	0.9684
2516.	718.0	-13.1	12.6	12.8	-15.8	78.	1.5400	1.2967	0.9645
2552.	715.6	-13.3	12.8	13.0	-16.0	78.	1.5117	1.2738	0.9606
2591.	711.9	-13.4	13.1	13.3	-16.9	79.	1.5258	1.2851	0.9560
2627.	708.5	-13.8	13.0	13.3	-16.2	80.	1.4838	1.2512	0.9529
2664.	705.1	-14.2	13.6	13.2	-16.6	80.	1.4294	1.2073	0.9498
2702.	701.6	-14.6	12.9	13.2	-16.9	81.	1.3698	1.1752	0.9465
2742.	697.9	-14.9	13.0	13.3	-17.1	82.	1.3640	1.1543	0.9426
2771.	695.2	-15.2	13.0	13.2	-17.4	81.	1.3261	1.1235	0.9400
2809.	691.7	-15.4	13.2	13.4	-17.6	81.	1.3014	1.1034	0.9360
2844.	688.5	-15.4	13.4	13.8	-17.7	81.	1.2842	1.0935	0.9316
2880.	685.2	-15.3	14.1	14.3	-17.8	79.	1.2771	1.0837	0.9268
2916.	681.1	-15.4	14.4	14.5	-17.9	79.	1.2650	1.0739	0.9227
2953.	677.6	-15.6	14.4	14.8	-18.1	79.	1.2414	1.0546	0.9189
2986.	675.5	-15.6	14.9	15.1	-18.1	79.	1.2413	1.0546	0.9147
3020.	672.6	-15.6	15.2	15.5	-18.2	78.	1.2296	1.0451	0.9108
3051.	669.8	-15.7	15.5	15.7	-18.3	78.	1.2181	1.0356	0.9074
3084.	666.9	-15.7	15.9	16.1	-18.3	78.	1.2180	1.0356	0.9034
3123.	663.5	-15.7	16.3	16.5	-18.3	78.	1.2180	1.0356	0.8988
3151.	661.0	-15.9	16.4	16.6	-18.4	79.	1.2065	1.0262	0.8961
3191.	658.4	-15.9	16.7	16.9	-18.5	78.	1.1951	1.0169	0.8926
3218.	655.3	-16.0	17.0	17.2	-18.5	79.	1.1951	1.0169	0.8885
3251.	652.3	-16.1	17.3	17.5	-18.6	79.	1.1838	1.0077	0.8850
3289.	649.0	-16.2	17.6	17.8	-18.7	79.	1.1726	0.9986	0.8809
3322.	646.2	-16.3	17.8	18.0	-18.8	79.	1.1615	0.9895	0.8773
3360.	642.5	-16.4	18.1	18.3	-18.9	79.	1.1505	0.9805	0.8733
3394.	640.0	-16.5	18.4	18.6	-19.0	79.	1.1496	0.9716	0.8697
3432.	636.9	-16.5	18.8	19.0	-19.0	79.	1.1396	0.9716	0.8655
3462.	634.2	-16.7	18.9	19.1	-19.1	80.	1.1298	0.9627	0.8625
3501.	633.9	-16.7	19.4	19.6	-19.2	79.	1.1181	0.9540	0.8580
3538.	627.8	-16.9	19.5	19.7	-19.3	80.	1.1074	0.9453	0.8544
3578.	624.5	-17.0	19.9	20.1	-19.4	80.	1.0969	0.9366	0.8502
3615.	621.4	-17.3	20.0	20.1	-19.6	80.	1.0761	0.9196	0.8470
3655.	617.6	-17.5	20.2	20.4	-19.7	81.	1.0655	0.9112	0.8428
3693.	614.9	-17.8	20.3	20.4	-20.1	80.	1.0257	0.8783	0.8398
3731.	611.8	-18.0	20.4	20.6	-20.2	81.	1.0150	0.8703	0.8362
3765.	608.0	-18.3	20.5	20.7	-20.3	83.	1.0062	0.8623	0.8333

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/4**3)	RHO (KG/4**3)
3806.	605.7	-18.5	20.7	20.9	-20.5	83.	0.9470	0.8465	0.8294
3840.	602.9	-18.7	20.9	21.0	-20.7	83.	0.9481	0.8310	0.8262
3873.	600.3	-19.0	20.9	21.1	-20.9	83.	0.9496	0.8157	0.8236
3907.	597.5	-19.3	20.9	21.1	-21.1	84.	0.9314	0.8007	0.8208
3936.	595.2	-19.5	21.0	21.2	-21.3	84.	0.9135	0.7860	0.8182
3978.	591.8	-19.8	21.2	21.3	-21.5	85.	0.8960	0.7715	0.8145
4011.	589.2	-19.9	21.4	21.6	-21.7	84.	0.8787	0.7572	0.8112
4049.	586.2	-20.2	21.5	21.6	-21.9	85.	0.8618	0.7432	0.8081
4083.	583.5	-20.5	21.5	21.7	-22.2	85.	0.8369	0.7226	0.8053
4115.	581.0	-20.6	21.5	21.7	-22.4	86.	0.8207	0.7092	0.8028
4154.	577.9	-21.1	21.8	21.9	-22.7	85.	0.7969	0.6895	0.7991
4191.	575.0	-21.2	21.9	22.1	-22.9	85.	0.7814	0.6766	0.7957
4226.	572.3	-21.4	22.1	22.3	-23.1	85.	0.7662	0.6640	0.7926
4266.	569.2	-21.6	22.3	22.5	-23.3	85.	0.7513	0.6515	0.7889
4300.	566.6	-21.7	22.6	22.7	-23.5	84.	0.7366	0.6393	0.7856
4339.	563.9	-21.9	22.8	23.0	-23.6	85.	0.7294	0.6333	0.7821
4374.	560.9	-22.0	23.1	23.2	-23.8	84.	0.7151	0.6214	0.7786
4409.	558.8	-22.3	23.2	23.3	-24.0	85.	0.7011	0.6097	0.7758
4450.	555.1	-22.8	23.4	23.5	-24.1	85.	0.6941	0.6039	0.7721
4487.	552.3	-22.9	23.5	23.6	-24.4	85.	0.6738	0.5869	0.7691
4526.	549.8	-23.1	23.5	23.6	-24.6	86.	0.6635	0.5758	0.7665
4563.	546.6	-23.3	23.5	23.6	-24.9	87.	0.6410	0.5595	0.7633
4594.	544.3	-23.3	23.5	23.6	-25.2	87.	0.6221	0.5436	0.7610
4623.	542.1	-23.4	23.5	23.6	-25.4	88.	0.6098	0.5333	0.7588
4664.	539.1	-23.4	23.6	23.7	-25.7	88.	0.5917	0.5181	0.7555
4702.	536.3	-23.7	23.7	23.8	-25.9	89.	0.5749	0.5082	0.7525
4738.	533.6	-23.9	23.8	23.9	-26.2	89.	0.5626	0.4937	0.7496
4778.	530.7	-23.9	23.9	24.0	-26.5	89.	0.5458	0.4795	0.7464
4817.	527.8	-23.5	24.1	24.2	-26.7	89.	0.5349	0.4703	0.7429
4853.	525.2	-23.9	24.1	24.3	-27.0	89.	0.5189	0.4568	0.7401
4892.	522.4	-23.6	24.2	24.3	-27.3	89.	0.5033	0.4436	0.7371
4928.	519.8	-23.6	24.3	24.4	-27.6	89.	0.4881	0.4307	0.7343
4972.	516.6	-23.6	24.5	24.6	-27.9	89.	0.4734	0.4183	0.7306
5009.	514.0	-23.9	24.7	24.8	-28.1	88.	0.4638	0.4101	0.7275
5047.	511.3	-23.7	24.7	24.8	-28.3	89.	0.4544	0.4021	0.7246
5085.	508.6	-23.7	24.8	24.9	-28.6	89.	0.4406	0.3904	0.7216
5126.	505.7	-23.9	24.9	25.0	-28.9	90.	0.4272	0.3792	0.7187
5167.	502.8	-23.8	25.0	25.1	-29.2	90.	0.4142	0.3679	0.7154
5208.	499.9	-23.8	25.1	25.2	-29.4	91.	0.4057	0.3606	0.7122
5244.	497.4	-23.8	25.0	25.1	-29.5	91.	0.4015	0.3571	0.7098
5284.	494.6	-23.9	25.3	25.3	-29.7	94.	0.3933	0.3500	0.7063
5315.	492.5	-23.9	25.1	25.2	-30.0	95.	0.3812	0.3397	0.7045
5357.	489.6	-23.9	25.3	25.3	-30.3	95.	0.3695	0.3296	0.7012
5399.	486.7	-23.9	25.4	25.5	-30.6	95.	0.3581	0.3199	0.6979
5439.	484.0	-23.9	25.4	25.5	-30.9	96.	0.3470	0.3104	0.6952
5477.	481.4	-23.9	25.5	25.6	-31.2	96.	0.3362	0.3011	0.6923
5509.	479.2	-23.1	25.4	25.4	-31.6	96.	0.3224	0.2892	0.6902
5556.	475.4	-23.1	25.6	25.6	-32.3	93.	0.3094	0.2693	0.6859
5595.	473.5	-23.1	25.5	25.6	-32.4	92.	0.2962	0.2666	0.6830
5639.	470.9	-23.1	26.1	25.1	-32.5	94.	0.2931	0.2639	0.6797
5678.	467.9	-23.2	26.3	26.4	-32.7	94.	0.2869	0.2586	0.6765
5720.	465.1	-23.2	26.4	26.5	-33.0	94.	0.2779	0.2507	0.6732
5761.	462.4	-23.2	26.4	26.5	-33.3	94.	0.2691	0.2431	0.6704
5804.	459.6	-23.3	26.8	26.4	-33.5	94.	0.2634	0.2382	0.6667
5845.	456.9	-23.3	27.0	27.0	-33.8	94.	0.2551	0.2309	0.6636
5891.	453.9	-23.3	27.2	27.2	-34.1	94.	0.2470	0.2239	0.6600
5933.	451.2	-23.4	27.3	27.3	-34.4	94.	0.2391	0.2170	0.6569
5986.	447.9	-23.4	27.4	27.5	-34.8	94.	0.2300	0.2082	0.6530
6026.	445.2	-23.4	27.5	27.5	-35.1	94.	0.2217	0.2018	0.6501
6099.	443.1	-23.5	27.5	27.4	-35.5	95.	0.2122	0.1939	0.6483
6102.	440.4	-23.5	27.5	27.5	-35.9	94.	0.2032	0.1856	0.6452
6142.	437.9	-23.5	27.6	27.6	-36.2	94.	0.1966	0.1798	0.6423
6191.	434.8	-23.6	27.9	27.6	-36.4	94.	0.1923	0.1760	0.6383
6242.	431.6	-23.6	28.3	28.4	-36.7	93.	0.1861	0.1705	0.6342
6289.	428.7	-23.6	28.5	28.6	-37.0	93.	0.1801	0.1652	0.6307
6339.	425.6	-23.6	28.8	28.8	-37.2	94.	0.1761	0.1617	0.6269
6386.	422.7	-23.6	29.1	29.1	-37.5	93.	0.1704	0.1567	0.6232
6435.	419.7	-23.6	29.3	29.6	-37.6	93.	0.1685	0.1552	0.6199
6477.	417.2	-23.6	30.0	30.0	-37.8	91.	0.1648	0.1517	0.6153
6520.	414.6	-23.6	30.0	31.0	-37.7	90.	0.1666	0.1533	0.6110
6565.	411.9	-23.6	31.0	31.0	-37.6	96.	0.1685	0.1550	0.6067
6612.	409.1	-23.6	32.2	32.2	-37.7	89.	0.1666	0.1533	0.6026
6655.	406.6	-23.7	32.3	32.3	-37.8	92.	0.1648	0.1517	0.6000
6704.	403.7	-23.7	32.6	32.5	-37.9	93.	0.1630	0.1501	0.5962
6752.	400.9	-23.7	32.8	32.6	-38.2	93.	0.1576	0.1454	0.5928
6793.	398.5	-23.7	32.9	33.3	-38.5	92.	0.1524	0.1407	0.5890
6838.	395.9	-23.8	33.1	33.3	-38.8	92.	0.1474	0.1363	0.5869
6882.	393.3	-23.8	33.3	33.3	-39.1	92.	0.1425	0.1319	0.5839
6922.	391.1	-23.8	33.5	33.6	-39.3	92.	0.1393	0.1291	0.5810
6961.	388.8	-23.8	33.8	33.8	-39.6	91.	0.1347	0.1250	0.5782
7003.	386.2	-23.8	33.8	33.9	-39.9	93.	0.1317	0.1223	0.5752
7048.	384.0	-23.9	34.2	34.3	-40.0	92.	0.1288	0.1197	0.5722
7094.	381.4	-23.9	34.6	34.6	-40.2	92.	0.1259	0.1171	0.5688
7139.	378.9	-24.0	34.2	34.2	-40.9	92.	0.1162	0.1085	0.5667
7180.	376.6	-24.0	34.6	34.6	-41.0	92.	0.1149	0.1073	0.5635

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
7262.	372.1	-40.6	35.3	35.3	99.9	92.	0.1111	0.1035	0.5575
7306.	369.7	-40.7	35.7	35.7	-41.4	92.	0.1098	0.1026	0.5542
7399.	364.7	-40.5	36.6	36.7	-41.7	91.	0.1061	0.0993	0.5471
7440.	362.5	-41.0	37.0	37.1	-41.7	92.	0.1061	0.0993	0.5441
7481.	360.3	-41.3	37.2	37.2	-41.9	93.	0.1037	0.0971	0.5415
7519.	358.3	-41.5	37.4	37.4	-42.1	93.	0.1013	0.0950	0.5389
7560.	356.1	-41.6	37.8	37.9	-42.3	92.	0.0990	0.0929	0.5358
7604.	353.8	-41.8	38.1	38.2	-42.6	91.	0.0956	0.0899	0.5328
7633.	352.3	-41.9	38.4	38.4	-42.7	91.	0.0945	0.0889	0.5308
7666.	350.6	-42.1	38.5	38.6	-42.6	94.	0.0956	0.0899	0.5287
7855.	340.9	-43.4	39.3	39.3	-44.2	91.	0.0793	0.0751	0.5170
7890.	339.1	-43.7	39.3	39.4	-44.4	92.	0.0775	0.0734	0.5149
7964.	335.4	-44.8	38.8	38.8	99.9	92.	0.0683	0.0648	0.5117
8133.	327.0	-45.6	40.0	40.0	99.9	93.	0.0625	0.0595	0.5007
8180.	324.7	-46.0	40.1	40.1	-46.6	93.	0.0597	0.0571	0.4980
8299.	318.9	-46.9	40.4	40.5	-47.5	93.	0.0536	0.0514	0.4911
8334.	317.2	-47.2	40.5	40.5	-47.7	94.	0.0523	0.0502	0.4891
8368.	315.6	-47.3	40.8	40.8	-47.9	93.	0.0510	0.0491	0.4868
8526.	309.1	-48.6	41.2	41.2	-49.3	92.	0.0430	0.0416	0.4780
8543.	307.3	-48.9	41.0	41.0	-49.3	95.	0.0430	0.0416	0.4774
8584.	305.4	-49.1	41.2	41.3	-49.6	94.	0.0415	0.0402	0.4749

SOUNDING 41.0
 LATITUDE -58.5 LONGITUDE 1.1
 DATE 11-13-81 TIME 1807 GMT
 NUMBER OF LEVELS 21

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	995.3	-3.3	-2.9	-2.5	-4.5	90.	4.2110	3.3964	1.2883
9.	994.2	-3.5	-3.1	-2.6	-4.8	90.	4.1046	3.3143	1.2877
60.	985.3	-4.2	-3.1	-2.7	-5.3	91.	3.9327	3.1814	1.2794
136.	978.0	-4.8	-3.1	-2.7	-5.8	92.	3.7673	3.0533	1.2726
197.	970.7	-5.4	-3.1	-2.7	-6.4	92.	3.5774	2.9059	1.2658
257.	963.3	-5.9	-3.0	-2.7	-6.8	93.	3.4556	2.8112	1.2585
318.	955.8	-6.4	-2.9	-2.6	-7.2	93.	3.3376	2.7193	1.2509
375.	948.8	-7.0	-3.0	-2.6	-7.6	95.	3.2233	2.6301	1.2445
430.	942.1	-7.6	-3.0	-2.7	-8.0	97.	3.1126	2.5436	1.2384
485.	935.5	-8.1	-3.0	-2.7	-8.4	97.	3.0054	2.4597	1.2320
547.	928.0	-8.7	-3.0	-2.7	99.9	97.	2.8512	1.6561	1.2241
611.	920.4	-9.3	-3.0	-2.7	99.9	97.	2.7043	1.5708	1.2168
676.	912.7	-9.8	-2.8	-2.5	99.9	97.	2.5872	1.5027	1.2088
730.	906.3	-10.3	-2.8	-2.5	99.9	97.	2.4748	1.4374	1.2026
785.	899.8	-10.7	-2.7	-2.4	99.9	97.	2.3881	1.3871	1.1957
836.	893.9	-11.1	-2.6	-2.3	99.9	97.	2.3041	1.3383	1.1997
884.	888.3	-11.4	-2.4	-2.1	99.9	97.	2.2430	1.3028	1.1835
940.	881.8	-11.9	-2.3	-2.1	99.9	97.	2.1443	1.2455	1.1771
1007.	874.1	-12.4	-2.2	-1.9	99.9	97.	2.0496	1.1905	1.1690
1059.	868.2	-12.9	-2.2	-1.9	99.9	97.	1.9588	1.1378	1.1633
1096.	863.9	-13.2	-2.1	-1.9	99.9	97.	1.9061	1.1071	1.1588

SOUNDING 42.0
 LATITUDE -58.4 LONGITUDE 1.2
 DATE 11-13-81 TIME 2057 GMT
 NUMBER OF LEVELS 45

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	993.0	-3.0	-3.3	-2.8	-4.6	92.	4.1046	3.3143	1.2876
29.	989.3	-4.0	-3.2	-2.8	-5.0	92.	4.0350	3.2605	1.2837
91.	981.6	-4.7	-3.3	-2.9	-5.5	93.	3.8658	3.1296	1.2769
178.	975.8	-5.5	-3.2	-2.8	-6.2	94.	3.6397	2.9543	1.2665
263.	969.3	-6.3	-3.2	-2.8	-6.7	97.	3.4856	2.8345	1.2565
347.	958.0	-7.2	-3.3	-2.9	-7.3	99.	3.3080	2.6967	1.2471
442.	938.4	-8.0	-3.3	-3.0	99.9	99.	3.0132	2.4722	1.2363
535.	927.2	-9.0	-3.3	-3.0	99.9	99.	2.7914	2.2967	1.2251
625.	916.5	-9.9	-3.3	-3.0	99.9	97.	2.5624	2.1151	1.2149
713.	906.1	-10.8	-3.3	-3.0	99.9	97.	2.3511	1.9469	1.2051
811.	894.6	-11.5	-3.3	-2.8	99.9	96.	2.1935	1.8210	1.1929
901.	884.1	-12.2	-2.9	-2.5	99.9	96.	2.0468	1.7035	1.1819
982.	874.7	-12.4	-2.6	-2.5	99.9	95.	1.9102	1.5933	1.1724
1069.	864.8	-13.3	-2.6	-2.4	99.9	94.	1.7814	1.4903	1.1622
1161.	854.4	-14.2	-2.3	-2.1	99.9	94.	1.6754	1.4047	1.1508
1237.	845.8	-14.9	-2.2	-2.1	99.9	93.	1.5624	1.3133	1.1422
1288.	840.2	-13.1	0.2	0.4	-13.0	93.	1.8356	1.5342	1.1271
1359.	832.4	-12.8	1.4	1.7	-13.2	95.	1.9166	1.6309	1.1146
1425.	825.2	-12.8	1.9	2.1	-13.2	96.	1.9566	1.6309	1.1058
1480.	819.2	-12.6	2.7	2.4	-13.2	95.	1.9565	1.6308	1.0969
1534.	813.5	-12.7	3.1	3.4	-13.2	96.	1.9565	1.6308	1.0897

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
1595.	807.0	-12.7	3.8	4.6	-13.2	96.	1.9564	1.6308	1.0810
1712.	794.7	-13.4	4.2	4.5	-99.9	96.	1.8464	1.5438	1.0673
1774.	788.2	-13.6	4.7	4.9	-14.0	96.	1.8185	1.5205	1.0594
1829.	782.5	-14.0	4.8	5.0	-14.3	97.	1.7632	1.4809	1.0533
1887.	776.5	-14.5	4.9	5.1	-14.7	98.	1.7053	1.4297	1.0473
2006.	764.4	-15.2	5.4	5.6	-99.9	96.	1.5696	1.3212	1.0336
2068.	758.2	-15.6	5.6	5.8	-16.1	95.	1.4979	1.2627	1.0268
2137.	751.2	-15.7	6.2	6.4	-16.9	89.	1.3901	1.1755	1.0176
2196.	745.4	-15.9	6.6	6.6	-17.4	87.	1.3264	1.1238	1.0105
2258.	739.3	-16.2	7.0	7.1	-17.8	86.	1.2773	1.0839	1.0034
2317.	733.5	-16.5	7.3	7.4	-18.2	85.	1.2300	1.0453	0.9967
2372.	728.1	-16.9	7.4	7.6	-18.6	85.	1.1842	1.0080	0.9908
2438.	721.7	-17.3	7.7	7.8	-19.0	85.	1.1400	0.9719	0.9836
2551.	710.9	-18.1	8.0	8.2	-99.9	85.	1.0563	0.8987	0.9719
2608.	705.5	-18.3	8.4	8.6	-20.0	85.	1.0360	0.8868	0.9653
2671.	699.5	-18.4	9.0	9.1	-20.2	84.	1.0163	0.8706	0.9574
2725.	694.5	-18.2	9.8	9.9	-20.2	83.	1.0163	0.8706	0.9498
2789.	688.6	-18.4	10.2	10.4	-20.2	84.	1.0162	0.8705	0.9425
2848.	683.1	-18.6	10.7	10.8	-20.3	85.	1.0065	0.8625	0.9357
2907.	677.7	-18.8	11.1	11.3	-20.5	85.	0.9873	0.8467	0.9290
2966.	672.4	-19.0	11.5	11.7	-20.7	85.	0.9684	0.8312	0.9225
3080.	662.1	-19.6	12.1	12.2	-21.2	86.	0.9227	0.7935	0.9105
3201.	651.4	-20.4	12.5	12.7	-21.9	86.	0.8620	0.7434	0.8986
3261.	646.1	-20.8	12.7	12.9	-22.2	87.	0.8371	0.7228	0.8926

SOUNDING 43.0
 LATITUDE -57.4 LONGITUDE 0.6
 DATE 11-14-81 TIME 0342 GMT
 NUMBER OF LEVELS 67

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	995.2	-4.3	-3.9	-3.5	-4.9	95.	4.0696	3.2874	1.2928
6.	994.4	-4.6	-4.2	-3.8	-5.2	95.	3.9667	3.2077	1.2931
90.	983.8	-5.4	-4.1	-3.8	-5.7	97.	3.8000	3.0786	1.2831
158.	975.3	-6.2	-4.3	-3.9	-6.5	97.	3.5466	2.8820	1.2756
237.	965.5	-7.1	-4.4	-4.1	-7.1	100.	3.3668	2.7421	1.2669
323.	954.9	-7.8	-4.3	-3.9	-7.8	100.	3.1676	2.5866	1.2562
415.	943.6	-8.5	-4.1	-3.8	-99.9	100.	2.9665	2.4365	1.2445
513.	931.8	-9.1	-3.7	-3.4	-99.9	99.	2.8012	2.3056	1.2316
598.	921.6	-9.6	-3.6	-3.3	-99.9	99.	2.6226	2.1640	1.2213
680.	911.8	-10.4	-3.4	-3.1	-99.9	98.	2.4767	2.0480	1.2109
772.	900.9	-11.0	-3.1	-2.8	-99.9	98.	2.3372	1.9369	1.1991
863.	890.3	-11.8	-3.0	-2.7	-99.9	97.	2.1659	1.8001	1.1885
946.	880.7	-12.5	-2.9	-2.6	-99.9	97.	2.0251	1.6874	1.1787
1025.	871.6	-12.7	-2.3	-2.0	-99.9	97.	1.9811	1.6519	1.1674
1086.	864.7	-11.8	-0.7	-0.5	-12.2	96.	2.1425	1.7790	1.1544
1154.	857.0	-11.1	0.7	1.0	-11.5	96.	2.2818	1.8896	1.1412
1220.	849.7	-11.0	1.5	1.8	-11.3	97.	2.3231	1.9223	1.1311
1286.	842.4	-11.0	2.2	2.4	-11.3	97.	2.3230	1.9223	1.1214
1356.	834.7	-10.9	3.0	3.3	-11.2	97.	2.3438	1.9388	1.1107
1433.	826.4	-10.8	3.9	4.2	-11.1	97.	2.3642	1.9554	1.0993
1502.	819.0	-11.0	4.4	4.7	-11.2	98.	2.3437	1.9386	1.0903
1567.	812.1	-11.1	5.0	5.3	-11.2	99.	2.3436	1.9386	1.0815
1631.	805.4	-11.4	5.3	5.6	-11.4	100.	2.3019	1.9055	1.0738
1694.	798.7	-11.7	5.6	5.9	-11.7	100.	2.2406	1.8569	1.0661
1756.	792.3	-12.0	6.0	6.2	-12.0	100.	2.1809	1.8095	1.0587
1819.	785.8	-12.4	6.2	6.5	-12.4	100.	2.1035	1.7479	1.0516
1882.	779.3	-12.7	6.5	6.8	-12.7	100.	2.0470	1.7030	1.0440
1944.	773.0	-13.0	6.9	7.1	-13.0	100.	1.9920	1.6592	1.0368
2006.	766.7	-13.1	7.4	7.7	-13.2	99.	1.9561	1.6305	1.0287
2066.	760.7	-13.2	7.9	8.2	-13.3	99.	1.9383	1.6163	1.0210
2194.	748.0	-13.7	8.7	9.2	-13.8	99.	1.8518	1.5471	1.0059
2263.	741.2	-14.1	9.0	9.3	-14.1	100.	1.8016	1.5069	0.9982
2330.	734.7	-14.6	9.2	9.4	-14.6	100.	1.7207	1.4421	0.9913
2400.	727.9	-15.1	9.4	9.6	-15.1	100.	1.6432	1.3798	0.9840
2530.	715.5	-15.9	9.9	10.1	-99.9	100.	1.5258	1.2879	0.9702
2672.	702.1	-16.7	10.6	10.8	-99.9	100.	1.4151	1.1989	0.9549
2739.	695.8	-17.0	11.0	11.2	-17.0	100.	1.3768	1.1647	0.9474
2805.	689.7	-17.3	11.3	11.5	-17.3	100.	1.3386	1.1337	0.9402
2872.	683.6	-17.7	11.6	11.8	-17.7	100.	1.2891	1.0935	0.9333
2943.	677.1	-18.1	11.9	12.1	-18.1	100.	1.2414	1.0546	0.9259
3004.	671.6	-18.6	12.1	12.2	-18.6	100.	1.1839	1.0078	0.9201
3082.	664.6	-19.1	12.3	12.5	-99.9	100.	1.1239	0.9645	0.9123
3147.	658.8	-19.5	12.6	12.8	-19.5	100.	1.0860	0.9282	0.9057
3214.	652.4	-19.9	13.0	13.1	-19.9	100.	1.0458	0.8948	0.8983
3287.	646.5	-20.3	13.2	13.4	-99.9	100.	1.0063	0.8637	0.8916
3358.	640.3	-20.8	13.5	13.6	-99.9	100.	0.9590	0.8247	0.8847
3425.	634.5	-21.2	13.8	13.9	-99.9	100.	0.9226	0.7946	0.8781
3496.	628.4	-21.7	14.1	14.1	-21.7	100.	0.8789	0.7573	0.8713
3549.	623.9	-22.1	14.1	14.3	-22.1	100.	0.8453	0.7295	0.8665
3628.	617.2	-22.7	14.3	14.5	-99.9	100.	0.7971	0.6905	0.8592

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
3696.	611.5	-23.3	14.4	14.5	99.9	100.	0.7514	0.6525	0.8533
3774.	605.0	-23.8	14.7	14.8	-23.8	100.	0.7152	0.6215	0.8459
3853.	598.5	-24.5	14.8	14.9	99.9	100.	0.6663	0.5813	0.8391
3927.	592.4	-25.2	14.8	14.9	99.9	100.	0.6205	0.5428	0.8328
4028.	584.2	-25.8	15.2	15.4	99.9	100.	0.5832	0.5114	0.8233
4263.	565.4	-28.2	15.1	15.2	99.9	99.	0.4551	0.4029	0.8045
4340.	553.4	-28.1	16.1	16.2	-28.2	99.	0.4592	0.4062	0.7956
4482.	548.4	-28.2	17.7	17.7	99.9	100.	0.4576	0.4051	0.7803
4552.	543.1	-28.5	18.1	18.2	-28.5	100.	0.4452	0.3943	0.7737
4607.	538.9	-28.9	18.3	18.4	-28.9	100.	0.4273	0.3790	0.7690
4707.	531.4	-29.2	19.1	19.2	-29.2	100.	0.4142	0.3679	0.7592
4867.	519.6	-30.2	19.8	19.8	99.9	100.	0.3734	0.3332	0.7454
4918.	515.9	-31.4	18.9	19.0	-31.4	100.	0.3293	0.2951	0.7437
4991.	510.6	-31.7	19.4	19.5	-31.7	100.	0.3190	0.2863	0.7370
5332.	486.4	-33.5	21.3	21.3	99.9	100.	0.2635	0.1530	0.7072
6026.	440.1	-38.2	23.9	23.9	99.9	100.	0.1576	0.0916	0.6526
6150.	432.2	-39.6	23.6	23.7	99.9	100.	0.1347	0.0783	0.6447

SOUNDING 44.0
 LATITUDE -56.5 LONGITUDE 0.2
 DATE 11-14-81 TIME 0559 GMT
 NUMBER OF LEVELS 68

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	995.5	-5.0	-4.7	-4.3	-5.8	93.	3.7676	3.0536	1.2963
27.	992.1	-5.5	-4.9	-4.5	-5.8	97.	3.7676	3.0535	1.2943
93.	983.7	-6.3	-4.7	-4.7	-6.5	98.	3.5468	2.8821	1.2871
177.	973.2	-7.1	-5.0	-4.7	-7.2	99.	3.3378	2.7195	1.2770
244.	964.8	-7.9	-5.2	-4.8	-7.9	100.	3.1402	2.5652	1.2697
324.	954.9	-8.4	-4.9	-4.6	99.9	99.	2.9876	2.4528	1.2589
402.	945.4	-9.2	-4.9	-4.6	99.9	99.	2.7683	2.2792	1.2500
476.	936.4	-9.8	-4.8	-4.5	99.9	98.	2.6104	2.1538	1.2408
552.	927.1	-10.5	-4.8	-4.5	99.9	98.	2.4384	2.0169	1.2317
632.	917.6	-11.0	-4.5	-4.2	99.9	97.	2.3176	1.9204	1.2213
716.	907.5	-11.6	-4.2	-4.0	99.9	96.	2.1816	1.8117	1.2105
802.	897.4	-11.8	-3.6	-3.4	99.9	96.	2.1282	1.7686	1.1979
885.	887.7	-12.5	-3.5	-3.3	99.9	95.	1.9847	1.6536	1.1881
969.	877.9	-13.3	-3.5	-3.2	99.9	95.	1.8331	1.5318	1.1785
1054.	868.2	-11.7	-0.9	-0.7	-12.4	94.	2.1042	1.7485	1.1586
1112.	861.7	-10.6	0.8	1.1	-11.6	91.	2.2615	1.8735	1.1452
1174.	854.7	-10.4	1.7	1.9	-11.2	93.	2.3440	1.9389	1.1351
1246.	846.8	-10.7	2.1	2.3	-11.4	94.	2.3023	1.9059	1.1259
1313.	839.4	-10.8	2.7	2.9	-11.6	93.	2.2612	1.8733	1.1165
1378.	832.4	-11.0	3.1	3.4	-11.9	92.	2.2010	1.8255	1.1080
1451.	824.5	-10.7	4.2	4.5	-11.8	91.	2.2208	1.8412	1.0962
1517.	817.4	-10.9	4.6	4.9	-12.1	90.	2.1615	1.7941	1.0876
1592.	809.5	-11.2	5.1	5.4	-12.6	88.	2.0659	1.7181	1.0782
1661.	802.2	-11.7	5.3	5.5	-13.2	87.	1.9564	1.6307	1.0705
1744.	793.0	-12.1	5.8	6.0	-13.5	88.	1.9036	1.5885	1.0598
1830.	784.6	-12.4	6.3	6.6	-14.0	86.	1.8185	1.5205	1.0497
1909.	776.6	-12.4	7.1	7.4	-14.5	83.	1.7369	1.4551	1.0390
1977.	769.7	-12.5	7.7	8.0	-14.8	81.	1.6896	1.4171	1.0301
2055.	761.8	-12.7	8.3	8.6	-15.0	81.	1.6587	1.3922	1.0203
2132.	754.2	-13.2	8.6	8.8	-15.4	82.	1.5984	1.3437	1.0120
2212.	746.3	-13.6	9.0	9.2	-15.7	82.	1.5546	1.3084	1.0030
2290.	738.6	-14.1	9.3	9.5	-16.0	84.	1.5118	1.2739	0.9945
2372.	730.7	-14.7	9.5	9.7	-16.5	85.	1.4430	1.2182	0.9861
2450.	723.2	-15.2	9.8	10.0	-16.9	85.	1.3900	1.1753	0.9779
2531.	715.4	-15.5	10.4	10.6	-17.5	83.	1.3138	1.1135	0.9684
2603.	708.6	-16.0	10.6	10.8	-17.9	84.	1.2652	1.0740	0.9610
2675.	701.9	-16.2	11.1	11.3	-18.3	82.	1.2182	1.0358	0.9526
2745.	695.4	-16.2	11.9	12.1	99.9	83.	1.2293	1.0385	0.9438
2820.	688.5	-16.3	12.6	12.8	-18.2	84.	1.2297	1.0451	0.9348
2894.	681.7	-16.6	13.1	13.3	-18.8	81.	1.1617	0.9896	0.9266
2979.	674.0	-16.7	13.5	14.1	-19.1	80.	1.1290	0.9629	0.9165
3062.	666.6	-16.7	14.8	15.0	-19.2	79.	1.1182	0.9541	0.9065
3135.	660.2	-17.0	15.3	15.4	99.9	80.	1.0971	0.9296	0.8988
3206.	653.9	-17.4	15.6	15.8	-19.7	80.	1.0660	0.9114	0.8916
3261.	649.1	-17.8	15.7	15.9	99.9	82.	1.0415	0.8852	0.8864
3347.	641.7	-18.6	15.8	16.0	-20.5	83.	0.9871	0.8466	0.8790
3499.	628.7	-19.5	16.5	16.6	99.9	84.	0.9169	0.7844	0.8642
3568.	622.9	-20.1	16.5	16.7	-21.8	85.	0.8703	0.7503	0.8583
3731.	604.3	-21.0	17.3	17.5	-22.8	84.	0.7893	0.6831	0.8425
3810.	602.8	-21.5	17.6	17.8	-23.4	83.	0.7440	0.6455	0.8351
3872.	597.7	-21.8	18.0	18.1	-23.4	85.	0.7440	0.6455	0.8290
3950.	591.4	-22.0	18.7	18.8	-23.7	85.	0.7223	0.6274	0.8209
4104.	573.1	-22.9	19.4	19.5	99.9	86.	0.6710	0.5817	0.8067
4182.	573.0	-23.4	19.7	19.8	99.9	86.	0.6434	0.5588	0.7998
4246.	568.0	-23.8	19.9	20.0	-25.2	87.	0.6222	0.5437	0.7941
4323.	562.0	-24.5	20.2	20.3	-25.7	87.	0.5917	0.5182	0.7873
4382.	557.5	-25.0	20.1	20.2	-26.0	90.	0.5741	0.5034	0.7831

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
4535.	545.8	-25.8	20.9	21.0	99.9	90.	0.5295	0.4643	0.7692
4622.	539.3	-26.4	21.2	21.3	-27.4	90.	0.4982	0.4393	0.7618
4683.	534.7	-27.3	20.8	20.9	-28.2	91.	0.4591	0.4061	0.7581
4822.	524.5	-28.3	21.3	21.3	-29.1	92.	0.4185	0.3716	0.7466
4905.	518.4	-28.8	21.6	21.7	-29.5	93.	0.4015	0.3571	0.7394
5040.	508.7	-29.9	21.9	22.0	99.9	91.	0.3514	0.3132	0.7288
5124.	502.7	-29.9	22.9	23.0	-30.9	90.	0.3470	0.3104	0.7202
5195.	497.7	-30.6	22.9	23.0	-31.3	93.	0.3327	0.2981	0.7151
5264.	492.9	-30.6	23.5	23.5	-31.6	92.	0.3224	0.2892	0.7088
5336.	487.9	-31.5	23.5	23.5	-32.1	94.	0.3058	0.2749	0.7036
5482.	477.9	-33.0	23.4	23.4	-33.3	97.	0.2691	0.2431	0.6935

SOUNDING 45.0
 LATITUDE -56.5 LONGITUDE -0.1
 DATE 11-14-81 TIME 0847 GMT
 NUMBER OF LEVELS 4

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	996.2	-3.8	-3.5	-3.1	-4.8	92.	4.1047	3.3143	1.2917
11.	994.8	-4.0	-3.6	-3.2	99.9	92.	4.0476	3.2718	1.2908
95.	984.3	-5.0	-3.8	-3.4	-5.7	94.	3.8000	3.0786	1.2818
151.	977.2	-5.7	-3.9	-3.6	-6.3	95.	3.6085	2.9301	1.2758

SOUNDING 46.0
 LATITUDE -52.9 LONGITUDE -8.6
 DATE 11-16-81 TIME 1136 GMT
 NUMBER OF LEVELS 52

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETA V (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	994.5	0.1	0.5	1.2	0.0	99.	6.1374	4.8686	1.2727
69.	986.0	0.0	1.1	1.7	0.0	100.	6.1372	4.8684	1.2624
157.	975.2	0.0	2.0	2.6	-0.2	98.	6.0379	4.7931	1.2485
243.	964.8	0.0	2.8	3.5	-0.2	98.	6.0376	4.7929	1.2352
327.	954.7	0.1	3.7	4.4	-0.1	98.	6.0873	4.8300	1.2220
403.	945.7	0.0	4.4	5.1	-0.1	99.	6.0871	4.8305	1.2109
490.	935.5	-0.1	5.1	5.8	-0.2	99.	6.0369	4.7923	1.1983
577.	925.3	-0.3	5.8	6.5	-0.4	99.	5.9378	4.7171	1.1861
648.	917.2	-0.6	6.2	6.9	-0.7	99.	5.7920	4.6064	1.1769
733.	907.4	-1.1	6.6	7.2	-1.1	100.	5.6028	4.4625	1.1664
820.	897.6	-1.6	6.9	7.5	-1.6	100.	5.3743	4.2884	1.1558
898.	888.8	-2.1	7.2	7.8	-2.1	100.	5.1544	4.1204	1.1464
991.	878.5	-2.2	8.0	8.6	-2.3	99.	5.0686	4.0548	1.1335
1107.	865.7	-1.6	9.8	10.5	-2.0	97.	5.1971	4.1531	1.1147
1188.	857.0	-1.7	10.5	11.2	-2.0	98.	5.1970	4.1530	1.1040
1276.	847.5	-2.2	10.9	11.6	-2.3	99.	5.0679	4.0543	1.0937
1357.	838.9	-2.8	11.1	11.7	-2.9	99.	4.8187	3.8635	1.0843
1438.	830.4	-3.3	11.4	12.0	-3.4	99.	4.6196	3.7108	1.0757
1525.	821.3	-3.7	11.9	12.5	-3.8	99.	4.4657	3.5925	1.0654
1706.	802.6	-3.9	13.6	14.1	99.9	96.	4.2659	3.4513	1.0419
1792.	793.9	-4.3	14.0	14.6	-4.9	95.	4.0663	3.2846	1.0320
1876.	785.5	-4.7	14.5	15.0	-5.4	94.	3.8959	3.1528	1.0225
1972.	776.0	-5.3	14.8	15.4	-5.8	96.	3.7642	3.0508	1.0123
2061.	767.2	-5.9	15.1	15.6	-6.3	97.	3.6053	2.9275	1.0030
2146.	758.9	-6.3	15.6	16.1	-6.6	97.	3.5129	2.8557	0.9936
2237.	750.1	-6.8	16.0	16.5	-7.0	98.	3.3931	2.7625	0.9838
2332.	741.0	-7.1	16.7	17.2	-7.5	97.	3.2487	2.6498	0.9729
2428.	731.9	-8.0	16.7	17.2	99.9	98.	3.0561	2.5079	0.9641
2526.	722.7	-8.8	16.9	17.3	-8.8	100.	2.8990	2.3763	0.9547
2623.	713.7	-9.6	17.1	17.5	99.9	100.	2.7014	2.2294	0.9456
2709.	705.8	-10.0	17.5	17.9	99.9	100.	2.6072	2.1547	0.9365
2803.	697.2	-10.5	18.0	18.4	99.9	100.	2.4937	2.0646	0.9268
2983.	681.1	-11.5	18.8	19.2	99.9	100.	2.2801	1.8946	0.9087
3082.	672.3	-12.1	19.2	19.6	-12.1	100.	2.1602	1.7930	0.8989
3181.	663.6	-12.8	19.6	19.9	-13.0	98.	1.9911	1.6584	0.8896
3275.	655.5	-13.5	19.8	20.1	-14.4	92.	1.7521	1.4672	0.8809
3370.	647.3	-14.1	20.2	20.4	-15.5	88.	1.5830	1.3313	0.8718
3489.	637.2	-15.3	20.1	20.4	-16.6	89.	1.4290	1.2069	0.8621
3878.	605.1	-17.6	21.8	22.0	99.9	91.	1.1855	1.0071	0.8259
3982.	596.7	-18.3	22.2	22.4	-19.2	92.	1.1179	0.9538	0.8166
4071.	589.6	-19.7	21.6	21.8	-20.4	94.	0.9965	0.8543	0.8112
4162.	580.8	-20.4	22.0	22.2	-21.0	94.	0.9404	0.8081	0.8013
4347.	568.0	-21.0	23.2	23.4	-21.6	94.	0.8672	0.7642	0.7855
4462.	559.2	-22.7	22.5	22.7	-23.0	97.	0.7738	0.6702	0.7785
4645.	545.3	-24.1	23.0	23.1	99.9	92.	0.6373	0.5551	0.7633
4737.	538.5	-24.1	24.1	24.2	99.9	99.	0.6190	0.5392	0.7538
4842.	530.8	-23.6	25.9	26.0	-25.1	86.	0.6283	0.5488	0.7415
4900.	526.6	-23.8	26.3	26.5	99.9	86.	0.6177	0.5374	0.7362
5442.	488.7	-26.1	30.0	30.1	-27.3	89.	0.5032	0.4435	0.6895
5634.	475.9	-26.7	31.5	31.6	99.9	87.	0.4634	0.4078	0.6731
5719.	470.3	-27.0	32.2	32.3	-28.5	86.	0.4451	0.3942	0.6660
5808.	464.5	-27.9	32.1	32.2	-29.4	86.	0.4056	0.3606	0.6601